NAVAL WEATHER SERVICE DETACHMENT "SHEVILLE N C AD-A060 999 F/G 4/2 SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), SAN NIC--ETC(U) UNCLASSIFIED NL | OF 4 AD A060999 0

REPORT DOCUMENTATION	PAGE		READ INSTRUCTIONS ORE COMPLETING FORM
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This data report consists of a si weather observations. The six pa Atmospheric Phenomena, Part B - P Surface Winds, Part D - Ceiling W Psychrometric Summaries, Part F -	ix part statistic arts are: Part A Precipitation/Sno versus Visibility	cal summan A - Weathe owfall/Sno y/Sky Cove	er Conditions/ ow Depth, Part C - er, Part E -

STATION 9'	STATION NO ON SUMMARY	San Nicolas Teland	land California	in;	1471TUBE 33015 N	רסאו	LONGITUBE:	STATION ELEV. (FT.)	CALLSIGN	7220	72201
		NOITATS	NOTATION	5	NOITATIMENTALIAN	CTDIIA	ENITA		VOCTOIL	+	167
NUMBER					AT THIS LOCATION	Nor			ELEVATION ABOVE WSL	BOVE WSL	seo
OF BARQ LOCATION	o 2	GEOGRAPHICAL LOCATION & NAME		STATION	FROM	10	LATITUDE	LONGITUDE	FEET	TYPE BAROWETER	4.4
1:	Weather	Weather service office, ops bldg	s bldg	NSN	1946	1957	33°15'N	119°27'W	507	Tonnelot	Var
2.	•	" " net	new ops bldg	=	1957	1966	:		:	:	=
3.	•	" b10	bldg 121	= .	1966		-		268	Fortin	=
la.	Building 121	3 121		:	1966		•		570	Aneroid	
NUMBER	L		SURFACE WIND EQUIPMENT INFORMATION	IPMENT INFOR	MATION						
LOCATION	OF N CHANGE	רסכע	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDIT	HONAL EQUIPMENT,	REMARKS, ADDITIONAL EQUIPMENT, OF REASON FOR CHANGE	g E
-	Installed	Atop catwalk on ops	ops bldg		Selsyn	*Double	38,		Barograph (ML-3D)		
2.	1957	Atop control tower on new ops bldg	er on new o	ps bldg	g **Selsyn	register	72,		Semi auto met sta Cloud height set	(AN/GNQ-14A) (AN/GNQ-13C)	(44)
1a.	1957.	Mounted on Selsyn mast	'n mast		AN/UMQ-5	RD-108	72':		de (AN/GND-1B)	Transmissometer (AN/GMQ-10) Radiosonde (AN/GMD-1B)	
2a.	1963	2600' from end of runway 12, 775' from runway centerline on the southwest side	of runway 12, erline on the	, 775' he	•	=	13'	<ul><li>b. Ineodolite</li><li>7. Auto met st</li></ul>	te (ML-427) station (N	Ineodolite (ML-427) Auto met station (MOTOROLA)	
3.	1976	2000' SE of end of west of taxiway	of runway 12, south	2, sout	: -	: (2	HQ.	* Decommis ** Disassem	Decommissioned 1955. Disassembled 1957.	55.	
NWCD	D Endard Buildin	hallding							0	3	

NWSD, Federal Building Asheville, N. C.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- 3. Summarize (update) every five years.
- a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The Syear summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982
- All available data through The update in 1988 will be an intermediate SMOS (POR 1983-1987). 1987 will be included for extreme values.
- All available data through 1992 will be used for d. In 1993 the POR will be 1983 through 1992. extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS pre-pared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

tions are selected from all data recorded on reporting forms and combined into Summary of the Day obser-Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations re-corded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observa vations (prepared from record-special, local, summary of the day, remarks, etc.).

or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect COMMENT: All observations summarized in this tabulation have been computer edited for consistency and is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building Asheville, N. C.

#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- . By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

1 Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-wEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction reflect the total observations with reduced visibility. The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

#### PART A

### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories " OF OBS WITH PRECIP" and " OF OBS WITH OBST TO VISION" show the percentage of days rather than per-However, it should be noted that in this summary the columns headed summarized in these tabulations.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. NOTE:

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the observations and is presented by month and annual, all hours and years combined.

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Y OF OCCURRENCE OF WEA	HOURLY OBSERVA
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FREG	IONS
PERCENTAGE FREQUEN	CONDI

TOTAL NO. OF OBS.			136	155	155	138	54				809
% OF OBS WITH OBST TO VISION			13.2	12.3	8.4	7.2	8.3				6.6
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE			.,	1.3	1.3	2.9					1.2
FOG			12.5	11.0	7.1	4.3	8.3				8.6
% % OF OBS WITH PRECIP.			4.4	3.9	2.6	3.6	4.2				3.7
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE		/	4.4	3.9	2.6	3.6	4.2				3.7
THUNDER- STORMS											
HOURS (L.S.T.)	10	90	0.7	10	13	16	19	22			
MONTH	NAL										TOTALS

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73-77

WEATHER CONDITIONS

FE8 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

									 T	 	
TOTAL NO. OF OBS.			122	141	141	124	19				547
% OF OBS WITH OBST TO VISION			14.8	13.5	9.2	14.5	21.1				34.6
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE			1.6	1.4	2.1	4.8					2.0
FOG			13.1	12.1	7.1	9.7	21.1				12.6
% OF OBS WITH PRECIP.			2.5	5.7	3.5	4.0	5.3				4.2
HAIL											
SNOW AND/OR SLEET					1			ì			
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE			2.5	5.7	3.5	4.0	5.3				4.2
THUNDER- STORMS											
HOURS (L.S.T.)	10	0.4	07	10	13	16	10	22			
МОМТН	FEB										TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.			142	154	155	136	24				611
% OF OBS WITH OBST TO VISION			13.4	9.7	6.5	9.9					7.2
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE			1.4	•							\$.
FOG			12.0	9.1	6.5	5.9					6.7
% OF OBS WITH PRECIP.			7.7	9.0	1.3	2.2	4.2				3.6
HAIL											
SNOW AND/OR SLEET											,
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE			7.7	2.6	1.3	2.2	4.2				3.6
THUNDER- STORMS											
HOURS (L.S.T.)	10	*0	07	10	13	16	19	22			
MONTH	MAR										TOTALS

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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NO. OF OBS.			141	150	150	133	20				594
% OF OBS WITH OBST TO VISION			21.3	13.3	7.3	8.0	20.0				13.7
DUST AND/OR SAND											
BLOWING		*	••						 		
SMOKE AND/OR HAZE			2.8	4.7	3.3	3.0	5.0				8.0
FOG			18.4	8.7	4.0	3.8	15.0				10.0
% OF OBS WITH PRECIP.			2.1	1.3	۲.	2.3					1.3
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE			2.1	1.3	.,	2.3					1.3
THUNDER- STORMS											
HOURS (L.S.T.)	10	90	0.	10	13	16	19	22			
MONTH	APR										TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	NO. OF OBS.
MAY	10												
	*0		100.0				100.0						-
	07		3.2				3.2	32.3	1.3			33,5	155
	10	100	9.				•	18.7	6.9			25.2	155
	13		1.9				1.9	7.1	11.0			18.1	155
	16							4.9	9.8			14.8	122
	19												
	22												
TOTALS			21.1				21.1	12.6	5.7			18.3	588
		The second secon							Control of the last of the las			AND THE PARTY OF T	

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

JUL

	YEARS	WEATHER
		ATI
73-77		PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS
		59
MIA		FREQUENCY
CALIFOR	STATION NAME	CENTAGE
SAN NICOLAS, CALIFORNIA	STATION NAME	PER
SAN		

93116 STATION

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	1.0			1.									
	*0												
	0.7		2.6				2.6	50.0	7.1			55.8	154
	10		••				٠.	27.1	20.0			45.6	155
	13		••				9.	5.2	21.3			25.8	155
	16							5.2	11.3			15.5	97
	19												
	22												
			N.										
TOTALS			1.0				1.0	21.9	14.9			34.9	199

SAN NICOLAS, CALIFORNIA STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОМТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZIE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	0								100.0			100.0	1
	*0								100.0			100.0	1
	0.1		9.				9.	41.9	11.0			51.0	155
	21		1.9				1.9	20.0	20.0			36.8	155
	13		9.				4.	5.2	15.5			19.4	155
	1.6							5.0	12.9			17.8	101
	19												
	22												
TOTALS			.5				.5	12.0	43.2			54.2	998

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS.

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TOTAL NO. OF OBS.			149	150	150	108	-	-			988
% OF OBS WITH OBST TO VISION		¥ -	49.0	39.3	26.0	21.3					22.6
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE			3.4	16.0	14.0	7.4					6.9
FOG			45.6	24.7	13.3	13.9					16.3
% OF OBS WITH PRECIP.			5.4	2.7	.,	1.9					1.8
HAIL				_							
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE			5.4	2.7	.,	1.9					1.8
THUNDER- STORMS											
HOURS (L.S.T.)	10	*	0.7	10	13	16	19	22			
MONTH	SEP										TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.		-	153	155	155	127	•			394
% OF OBS WITH OBST TO VISION		100.0	34.0	25.2	10.1	15.0				31.7
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE			7.2	11.6	11.6	12.6				7.2
FOG		100.0	26.8	13.5	4.5	2.4				26.5
% OF OBS WITH PRECIP.			2.0	1.9	٠.					
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE	7									
RAIN AND/OR DRIZZIE			2.0	1.9	•					60
THUNDER- STORMS					¢.					-
HOURS (L.S.T.)	10	80	0.7	01	13	16	19	22		
MONTH	DCT									TOTALS

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#### WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

MONTH HOURS THUNDER- AND/OR (LS.T.) STORMS DRIZZIE	NGV 01	*0	8. 70	10 1.3	7. 81	16 .7 2.8	19	22		
FREEZING RAIN &/OR DRIZZLE			•		1	•				
SNOW AND/OR SLEET										
HAIL										
% OF OBS WITH PRECIP.				1.3		2.8				
F0G			16.5	8.7		7.1	15.8			
SMOKE AND/OR HAZE				4.7	4.7	2.8				
BLOWING										
AND/OR SAND										
% OF OBS WITH OBST TO VISION			17.4	13.3	8.7	6.6	15.8			
NO. OF OBS.			121	150	150	191	19			

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WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

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SAN NICOLAS, CALIFORNIA

TOTAL NO. OF OBS.			131	155	155	131	15				587
% OF OBS WITH OBST TO VISION			19.1	13.5	0.6	16.0	20.0				15.5
AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE			1.5	2.6	3.2	8.4					3.1
80			17.6	11.0	8.8	*:	20.0				4.1 12.6
% OF OBS WITH PRECIP.		1	4.0	3.2	4.5	1.5	6.7				1.4
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											d,
RAIN AND/OR DRIZZIE			4.6	3.2	4.5	1.5	6.7				4.1
THUNDER- STORMS											
HOURS (L.S.T.)	10	90	0.7	2	13	91	10	22			
MONTH	DEC										TOTALS

#### WEATHER CONDITIONS

SAN NICOLAS, CALIFORNIA

73-77

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

¥0	809	547	119	594	588	563	195	568	986	594	581	587	19
NO. OF OBS.	•	~	•	•	~	•	2	~	•	~	2	2	1969
% OF OBS WITH OBST TO VISION	6.6	14.6	7.2	13.7	18.3	49.5	34.9	54.2	22.6	31.7	13.0	15.5	23.8
DUST AND/OR SAND													
BLOWING													
SMOKE AND/OR HAZE	1.2	2.0	.5	3.8	5.7	4:0	14.9	43.2	6.9	7.2	2.6	3.1	8.0
FOG	8.6	12.6	6.7	10.0	12.6	44.6	21.9	12.0	16.3	24.5	10.4	12.6	16.1
% OF OBS WITH PRECIP.	3.7	4.2	3.6	1.3	21.1	٠.	1.0	\$.	1.0	•.	1.1	4.1	3.7
HAIL													
SNOW AND/OR SLEET													
FREEZING RAIN &/OR DRIZZLE													
RAIN AND/OR DRIZZLE	3.7	4.2	3.6	1.3	21.1	6.	1.0		1.8	60	1.1	4.1	3.7
THUNDER- STORMS		E-1-				.1					.1		0.
HOURS (L.S.T.)	ALL												
MONTH	NAC	FEB	MAR	APR	MAY	NO.	105	AUG	SEP	DCT	NON	DEC	TOTALS

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#### WEATHER CONDITIONS ATMOSPHERIC PHENDMENA

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ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

TOTAL NO. OF OBS.	181	108	102	134	2	100	109	*	504	57	166	132	. 1475
% OF OBS WITH OBST TO VISION	32.6	51.9	52.0	44.8	19.8	0.40	92.7	89.8	75.0	100.0	54.8	57.6	66.2
DUST AND/OR SAND					-								.1
BLOWING													
SMOKE AND/OR HAZE	14.4	30.6	30.4	40°3	71.9	45.0	88.1	85.2	53.9	96.5	27.1	29,5	51.0
506	22.7	35.2	32.4	19.4	6.84	45.0	58.7	46.6	51.5	31.6	39.8	43.2	39.8
% OF OBS WITH PRECIP.	22,7	24.1	25,5	17.9	13.8	19.0	9,2	2,3	8,3	16.0	21.7	31.1	17.5
HAIL		6.		3									•
SNOW AND/OR SLEET													
FREEZING RAIN &/OR DRIZZLE										`\			
RAIN AND/OR DRIZZLE	22.7	26.1	25.5	17.9	13.8	19.0	9.2	2.3	8.3	14.0	21.7	31.1	17.5
THUNDER- STORMS				10.5		1.0			1.0				.3
HOURS (L.S.T.)	DAILY												
MONTH	NAL	FEB	MAR	APR	МАУ	NOT	101	AUG	SEP	730	VON	DEC	TOTALS

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	JANUARY	MONTH
VS. WEATHER CONDITIONS	JAN 1973-DEC 1977	YEARS
- Ś	ICOLAS, C	STATION NAME
	93116 SAN N	STATION

WEATHER	87.9	100.0	95.5	90.5	87.0	91.7	76.9	100.0	82,1	86.4	000	600	91.1	86.4	88.7	85.0			536	88.2
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	3.4				4.3									3.0	1.9	2.5		M	0	1.5
ICE FOG GROUND FOG													4.4	1.5	6.			M	4	
FOG	8.6		4.5	4.6	8.7		23.1		10.3	9.1	10.0	9.1	414	9 + 1	7.5	12.5		X	64	8 . 1
THUNDER																		M		
HAIL SMALL HAIL																		$\bigvee$		
SNOW. " GRAINS " PELETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE									2.6				2.2					$\bigvee$	2	.3
RAIN				4.8	4.3				10.3	4.5	20.0			1.5	6.			X	=	1.8
N N					4.3	8.3	23.1		2.6	9.1	10.0							X	•	1.5
WIND	z	NNE	N.	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

809

NAVWEASERVCOM

HOURS (L.S.T.) ALL FEBRUARY MONTH JAN 1973-DEC 1977 SAN NICOLAS, CALIFORNIA 93116 STATION

465 84.6 76.9 89.3 56.7 58.8 80.0 80.0 88.8 87.0 95.8 - A BLOWING SAND AND DUST BLOWING 3.0 13 15.4 3.6 6.9 613 SMOKE 1.2 8.3 1.04 X GROUND FOG 53 4.3 X 500 THUNDER HAIL SMALL HAIL SNOW
" GRAINS
" PELLETS
" SHOWERS SLEET
" SHOWERS
ICE
CRYSTALS FREEZING RAIN FREEZING DRIZZLE 4.3 DRIZZLE 9.5 10.0 1.8 Y SHOWERS 25.0 8.8 8.8 V 6.3 RAIN TOTAL % TOTAL VARIABLE DIRECTION CALM WSW NNE ENE SE SSE WN W NNN WIND SSW M S z 3

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TOTAL NUMBER OF OBSERVATIONS

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NAVWEASERVCOM

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JAN 1973-DEC 1977 SAN NICOLAS, CALIFORNIA STATION NAME

MARCH

NO	92.3	100.0	100.0	0.09	0.09	100.0	33,3	20.0	53.3	80.0	83.3	80.0	86.1	8.06	96.3	88.7		Z N	545	89.2
SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE				20.0														$\bigvee$	•	
GROUND FOG					40.0				13.3						3.	1.9		M	•	1.0
FOG	7.7			20.0			06.7	70.0	33.3	20.0	16.7	13.3	1111	2 . 8	2.0	5.7		\$\lambda	4	7.0
THUNDER																		M		
HAIL SMALL HAIL																		M		
SNOW. " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE				10.0				10.0							**			$\bigvee$		.5
RAIN								1				6.7	9.6	5.5		3.8		X	1	1.8
RAIN								20.0			16.7			1.8		1.9		X		1.1
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	WN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

611

NAVWEASERVCOM

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ALL -- (L.S.T.) APRIL PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS JAN 1973-DEC 1977 SAN NICOLAS, CALIFORNIA

HOURS	
MONTH	

-	SLEET " SHOWERS ICE	FREEZING RAIN IZZLE FREEZING	RAIN DRIZZLE FREEZING SHOWERS
	CRYSTALS	CRASTALS	DRIZZLE CRYSTALS
			10.01
			10.0
		8.4	8.4 8.4
		1.0	1.0
		1,3	1.3
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TOTAL NUMBER OF OBSERVATIONS

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NAVWEASERVCOM

	ALL	HOURS (L.S.T.)
	× W	MONTH
VS. WEATHER CONDITIONS	JAN 1973-DEC 1977	YEARS
	SAN NICOLASS CALIFORNIA	STATION NAME
	93116	STATION

NO WEATHER	73.3	63.6	72.7	40.0	75.0	37.5	66.7	71.4	47.4	66.7	46.2	0.09	78.3	80.8	85.2	75.4			448	76.2
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	20.0	9.1		30.0					10.5	11.1		2.0	6.3	9.9	5.1	15.8		$\bigvee$	41	7.0
ICE FOG GROUND FOG																		$\bigvee$	<b>&gt;</b> -1	.2
FOG	1.0	27.3	27.3	30.0	25.0	65.5	33.3	28.6	45.1	25.2	53.8	6 · 6 €	13.0	11.3	6.7	8 . 8			9.5	16.2
THUNDER																		$\bigvee$		
HAIL SMALL HAIL																		$\bigvee$		
GRAINS " GRAINS " PELLETS " SHOWERS																		$\bigvee$		
SLEET " SHOWERS ICE CRYSTALS												1						$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE					- 7													$\bigvee$		
DRIZZLE													4.3	.,	1.5			V V	7	1.2
RAIN						12.5	16.7											X	•	10
RAIN																		X		
WIND	z	NNE	NE NE	ENE	3	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

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SAN NICOLAS, CALIFORNIA

JAN 1973-DEC 1977

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WEATHER	73.1	84.2	100,0	60.09	1.49	20.0	50.0	33,3	2.69	63.6	10.0	80.0	1100	1.61	83.8	15.4			419	74.4
BLOWING SAND AND DUST																		X		
BLOWING																		M		
SMOKE	1105	5.3			5.9	12.5				1.6	10.0	20.0	3.2	7.5	8.3	14.0		X	46	8 . 2
ICE FOG GROUND FOG					5.9				5.3				St. 10 Mg	1.2	60			M	•	•
50	19.2	10.5		40.0	53.5	37.5	20.0	200	31.0	27.3	50.0		19.4	2009	8 . 5	1213		Y	66	17.0
THUNDER																		X	-	2.
HAIL SMALL HAIL																		M		
SNOW. " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE										9.1					1.4	3.5		N N		1.2
RAIN																		X X	-	.2
RAIN																		$\bigvee$		
WIND	z	NNE	NE.	ENE	B	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	N.	NNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

563

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NAVWEASERVCOM

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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ICE FOG SMOKE BLOWING SAND NO GROUND FOG HAZE SNOW DUST WEATHER	18,5 16.2 70.3	23.5	8,3	0.01	36,98		100,0			1 6	12,5		36.8 10.5 63.2	0.4		15.2 1.3 20.3			42
SNOW GRAINS "EGRAINS SWALL THUNDER " SHOWERS HAIL																		X	
FREEZING SLEET RAIN FREEZING CE DRIZZLE CRYSTALS SNO.											***							X	
RAIN DRIZZLE SHOWERS								1.6				7.4		1.0	<b>6-1</b>			X	
WIND RAIN DIRECTION	z	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	NS .	WSW	*	MNM	MN	NNN	VARIABLE	CALM	

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TOTAL NUMBER OF OBSERVATIONS

561

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NAVWEASERVCOM

TSU	MONTH HOURS (L.S.T.)	DER FOG GROUND HAZE SNOW DUST WEATHER	11.1 11.1	9.1 9.1		11.1 33,3	10.0	25.0			23,1	20.0	29.4 17.0 52.9	9.4.1	0462	1000	1.0 10.2	75.7 22.5 66.2			103 6 87	
JAN 1973.		HAIL THUNDER																		$\bigwedge$		
		SLEET SNOW "SHOWERS "GRAINS ICE "PELLETS CRYSTALS "SHOWERS																		X		
CALIFORNIA	STATION NAME	FREEZING S RAIN DRIZZLE FREEZING IG DRIZZLE													3.1					X X	-	
SAN NICOLAS, CALIF		RAIN							. 7												•	
1116 SA		WIND RAIN	z	NNE	N.	ENE	2	ESE	SE 16.7	SSE	s	SSW	SW	WSW	*	MNM	N.	MNN	J.	CALM YES	TOTAL	

TOTAL NUMBER OF OBSERVATIONS

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NAVWEASERVCOM

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### PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JAN 1973-DEC 1977 SAN NICOLAS, CALIFORNIA

SEPTENBER

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NO	76.2	72.7	80.0	50.0	0.09	70.0	100.0	66.7	71.4	44.4	66.7	66.7	61.1	64.8	63.6	66.7			364	65.1
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	4.8	9.1	20.0	25.0	10.0	20.0			14.3	11.1	8.3	4.8	9.6	649	14.8	3.5		X	80	10.4
ICE FOG GROUND FOG	4.8										8.3		2.8		2.8	5.3		M	11	2.0
50	14.3	18.2		25.0	30.0	10.0		33.3	14.3	44.4	16.7	28.6	30.0	29.6	19.9	24.6		V A	129	23.1
THUNDER																		M		
HAIL SMALL HAIL																		M		
SNOW. " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE		9.1						9.6		11.1	6.9	14.3	2.8	2.8				M	1.5	2.7
RAIN																		M		
KAIN													The state of the s					M		
WIND	z	NNE	Ä	ENE	3	ESE	SE	SSE	S	SSW	NS.	WSW	W	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

550

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OCTUBER	MONTH
JAN 1973-DEC 1977	YEARS
SAN NICOLASS CALIFORNIA	STATION NAME
93116 SAN P	STATION

NO	64.9	81.8	78.9	87.5	92.3	100.0	65.5	0.09	13.3	81,3	76.5	78.6	85.9	0.01	63.5	10.5			458	1
SAND SAND AND DUST																		M		
BLOWING																		$\bigvee$		
SMOKE	24.3		5 . 3	12,5			37.5	0 0 0 7		6.3	11.8		600	206	600	1703		N. A. A. A.	63	10.0
ICE FOG GROUND FOG	2.7	9.1												1.2	0.	1.2		X	•	1.3
505	8 . 1	9.1	1500		7.7			20.0	7 . 97	12.5	11.8	6112	7527	18.0	0.4	4.4		X	9	10.0
THUNDER									6.7									$\bigvee$	-	7.
HAIL SMALL HAIL																		X		
SNOW. " GRAINS " PELLETS " SHOWERS																		$\bigvee$		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE									6.7				2.4					$\bigvee$	~	. 3
RAIN									6.7						••			X	^	
RAIN									6.7		5.9							X	2	•
WIND	z	NNR	Ä	ENE	¥	ESE	SE	SSE	s	MSS	NS.	WSW	3	WNW	N.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

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NAVWEASERVCOM

### PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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	OVEMBER	
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VS. WEATHER CONDITIONS	AN 1973-DEC 1977	•
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NO	91.3	100.0	1.46	86.7	0.06	80.0	73.3	65.7	17.8	0.09	85,7	63.3	86.3	83.7	89.8	88.9		7	505	86.9
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		M		
SMOKE	4.3			13,3	2.0	10.0			11.1				5 . 9	3.8	204	1.6		$\bigvee$	-	3.1
ICE FOG GROUND FOG															9.	4.8		X	•	1.0
500	4.3		6 . 8		2.0	10.0	26.7	14.3	1111	33,3		6.7	8.9	10.0	9.0	4.8	78	X	4	4.9
THUNDER										6.7								M	-	2.
HAIL SMALL HAIL																		M		
SNOW. " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE														1.0				$\bigvee$		. 2
RAIN										6.7	14.3		2.0	1:0				M	•	6.
RAN							6.7			6.7		6.7						M	•	5
WIND	z	NNE	ME	ENE	¥	ESE	SE	SSE	s	SSW	SW	WSW	*	MNA	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

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NAVWEASERVCOM

SAN NICOLAS, CALIFORNIA

JAN 1973-DEC 1977

ALL HOURS (L.S.T.)

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# # #	-	10		0.	8.	7.	9.1	0.	101	6.	0	0.	20			7.			864	9.
NO	66	76	87	06	66	72	63	84	7.3	54	25	69	83	63	68	6		1	•	8
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE			6.3	9.1	2 . 4		9.1		3 . 8				100	3.6	619	5.3		X	22	3.7
ICE FOG GROUND FOG							1.6						1.9		1.8			$\bigvee$	*	1.
FOG	2.4	5:6	6.9			25.2	781	15.4	1967	45.5	47.4	6.75	200	Cib	4:5	3.5		Y N	20	1001
THUNDER																		M		
HAIL SMALL HAIL																		$\bigvee$		
SNOW " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\mathbb{N}$		
DRIZZLE						9.6		7.7		18,2	26.3				1.8			$\mathbb{N}$	=	1.9
RAIN	2.4											9.1		2.4				M	•	1.
Z N						16.7			3.8		5.3			1.2				M	•	1.0
WIND	z	NNE	Ä	ENE	E	ESE	SE	SSE	8	SSW	SW	WSW	*	WNW	×	NNN	VARIABLE	CALM	TOTAL	% TOTAL

0

TOTAL NUMBER OF OBSERVATIONS

587

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NAVWEASERVCOM

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ALL	HOURS (L.S.T.)	
ACL	MONTH	
JAN 1973-DEC 1977	YEARS	
93116 SAN NICOLAS, CALIFORNIA	STATION NAME	
93116	STATION	

NO	82.2	84.9	83.5	14.0	77.8	66.7	68.6	2.99	6.49	10.1	67.8	73.9	19.0	19.3	83.9	19.6			5487	78.8
BLOWING SAND AND DUST																		$\bigvee$	-	
BIOWING																		M		
SMOKE	7.9	9.9	1.9	11.7	0.6	8 . 1	5.8	2 . 2	5.8	4.8	3.4	149	3.5	5.3	9.9	4.6		X	468	6.7
ICE FOG GROUND FOG		1.2		9.	5.6		2.3	4.	1.3	3	••		1.0	.3		1.2		X	9	6.
50	9.3	7.2	11.0	13.0	1101	29.2	50.0	28.7	29.8	22.8	22.1	17.8	0 . 9 7	16.3	1 6	6.6		X	922	13,2
THUNDER									4.	¢.								X	•	0.
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE												#						M		
DRIZZLE		0.		9.		1.0		2.9	6.	2.4	0.4	2.8	1.4			*.		X	200	8.
RAIN	6.			1.3		1.0	1.2	1.5	0.4	1.8	2		۲.	1:0	1.	.2		X	80	4.
NA				•	1:1	5.1	6.6	2.9	2.7	2.4	0.4	1.1				7.		X	9	
WIND	z	NNE	W Z	ENE	W	ESE	SE	SSE	s	SSW	NS.	WSW	*	MNM	WN	ANN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

6,961

NAVWEASERVCOM

#### PART B

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ä

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations From beginning of record thru 1945

Jun 57-present

iru 1945 Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52 Jul 52-May 57 Jun 57-present \* Hall was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

#### DAILY AMOUNTS

PRECENTAGE FREQUENCY OF PRECIPITATIONS (FROM DAILY OBSERVATIONS)

C

SAN NICOLAS, CALIFORNIA

47-52, 55, FEARS 62-77

		-		AMO	AMOUNTS (INCHES)	CHES						PERCENT	TOTAL	MON	MONTHLY AMOUNTS	UNTS
.0610	JI25	JI25	-	-01	2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	10.01-20.00 OVER 20.00 OF DAYS	OF DAYS	Š.		(INCHES)	
1.5-2.4 2.5-3.4	2.5.3.4	2.5.3.4			3.5.4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	9 S	MEAN	GREATEST	LEAST
8,			4.6		7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS				
9 1.7 8.8	7	7	8.8	Annual Control of the last of	1.7	2.4	*				- 1	19.6	465	1.25	4.35	.00
6 3.1 3.3	1	1	3.3	State of the last	4.0	6.						17.3	423	.87	2.54	.07
8 3.8 4.3	*	*	4.3	Commission of the Parket of th	2.0	.,	:					16.8	558	.89		2.55TRACE
0 1.7 3.1	1	1	3.1		1.3	0.						12.0	540	.56		2.67TRACE
1 .0 .2			.2		.2	.4						:	527	.15		1.63TRACE
5 .4 .2	*	*	• 2	Sec. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10								2.6	540	.03	.16	.00
•	•											1.3	558	.01	.02	.00
6: 1:		.3				.1						•	682	•05	**	.0
.1 .2	2.1 .2	.2			.3		.2					3.7	630	.15	2,21	.00
4 1.2 .7				The state of the state of	·							8.8	589	.13	.73	.00
4 1.2 2.5	2 2.	2 2.			1.6	1.8	.,	.2				19.1	570	1.26	5.63	.01
.6 3.2 5.4	~	~	9.4		2.7	1.7	. 8					22.9	589	1.39	4.57	.01
2.7 1.5 2.1	*	-		2 8 1	•	•		v				10.0	447	4 74	$\geq$	$\rangle$

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#### DAILY AMOUNTS

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PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

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						AA	AMOUNTS (INCHES)	(CHES)						PERCENT		MON	MONTHLY AMOUNTS	UNTS
PRECIP.	NON	TRACE	5.	.0205	0190.	.m.25	.2650	.51.1.00	1.01-2.50	2.51-5.00	2.51-5.00 5.01-10.00	10.01-20.00	10.01-20.00 OVER 20.00 OF DAYS	OF DAYS	NO.		(INCHES)	
NOWFALL	NON	RACE	0.1-0.4	1.1.2.0	1.5-2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.5.10.4	10.5-15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	0 0 SS.	MEAN	GREATEST	LEAST
SNOW.	NON	TRACE	•	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS				
NAL	100.0														496	•	0.	•
2	100.0			-											395	0.	0.	•
MAR	100.0														496	•	0.	•
¥		.2													450	450TRACETRACE	FRACE	
MAY	100.0														403	.0	0.	
3	100.0														480	0.	0.	
JA.	100.0														496	•	0.	.00
AUG	100.0														651	0.	0.	
*	100.0														570	0.	0.	
5	100.0														589		0.	
Š	100.0														570	0.	0.	
DEC	100.0														589	0.	0.	
NNOA	ANNUAL 100.0	0.													6185		X	X

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#### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

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SAN NICOLAS, CALIFORNIA

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48-52, 55, 62

62-77 YEARS

N.4 10.5-15.4 15.5-25.4 25.5-50.4 OVER 50.4 ABLE	S1.00 1.01.2.50	AMOUNTS (INCHES)	AM AM	8	2.05	03.05
	+		, ,		1.524	4 0.51.4 1.52.4
6 37.48 49.60 61.120	13.24 25.36	7.12		3 4.6	2 3 4.6	
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	3					
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PRECIPITATION (FROM DALLY OBSERVATIONS)

47-52, 55,

45,

SAN NICOLAS, CALIFORNIA STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTHS											2.57	1.19	06.	.72	1.36	2.30	.68	.76	.76	1.59					1.60	.681	1199
DEC.	10	4	100	.05	1.07		+			.21	1.02	1.19	.20	.29	.00	.74	89.	.17	.18	1.21	10.	.13	1.61		. 24	.493	586
NOV.	10	00	30	01.1	60.		1			.27	2.57	1.00	06.	.72	1.36	2.30	•00	.76	.76	. 15	=:	.01	.02	F		. 143	570
OCT.		TRACE	TRACE	80.	.12						TRACE	.03	00.	.11	20.	10.	.01	*0.	• 10	.31	.07	00.	10.			.112	587
SEP.	000	200	0		10.		1		14.	00.	+0.	40.	.02	.03	TRACE		.03	.02	10.	TRACE	TRACE	1.67	40.		21.	. 368	630
AUG.	TRACE	3 8	200	TRACE	TRACE		TRACE	.00	00.		TRACE	TRACE	TRACE	TRACE	00.	00.	TRACE	.08	TRACE	TRACE	10.	90.			.0.	.177	682
JUL.	TRACE	TALLE			TRACE				00.			TRACE		020	02	00.	TRACE	TRACE	.01	10.	.01	TRACE	TRACE	1	00.	0000	558
JGN.	TRACE	1000	40	TRACE	90						-	TRACE		00.	TRACE	TRACE	TRACE	.02	.03	4		•	•		20.	.035	240
MAY	TRACE	TOACE									TRACE	40.	TRACE	TRACE	10.	TRACE	. 29	.12	.02	.01	10.	.05	e.		• 0	.209	527
APR.	10.01				.10						.71	TRACE	. 25	.37	.21	10.	. 53	10.	10.	.11	. 73	.30	TRACE		67.	.267	240
MAR.		1	000	38	.20	1.19					. 89	.03	.25	.40	91.	04.	.00	TRACE	64.	. 59	-	*1.	4.		***	.341	558
2					•						100	-	0	-	. 30		-	.05		. 25	9		=		. 30	.240	453
JAN.			. 25		.5						. 55	.87	1.	.12	1.23	.67	=	.03	. 52	1.59	.08	00,			26.	.435	465
YEAR	2:	64		20	35	52	55	624	63	**	65	90	67	99	69	70	1,4	72	73	*	7.5	76	4		MEAN	S. D.	TOTAL OBS.

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FROM DAILY OBSERVATIONS

62-77 . 47-52, 55,

SAN NICOLAS, CALIFORNIA STATION NAME

/BASED ON LESS THAN FULL MONTHS/

YEAR JAN.	4.1	48 .00	64	30	16	52 1,23	52	70	75	76	30		MEAN
Ę					240	- ~				1.25			
MAR.	212												
APR.				.61									
MAY				30.5	30.5								
JON.							c		TRACE 24				
JUL.			30	300									
AUG.													
SEP.													
OCT.								30					
NOV.													
DEC.													
MONTHS	PRECI	PRECI	PRECI	PRECI	PRECI	PRECI	PRECI	PRECI	PRECIP	PRECI	PRECI		

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SNOWFALL

[FROM DAILY OBSERVATIONS]

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47-52, 55,

SAN NICOLAS, CALIFORNIA STATION NAME

24 HOUR AMBUNTS IN INCHES

ALL									•	•	0.	••	0.	••	0.	•	0.	•			•	00.	3
DEC.		0.	0	00				0.	0.	•	0.	0.	•	0.	0.	•	0.	0.	0.	•	•	000	2
NOV.		0.	•	0,0				0	•	0.	0.	•	0.	•	0.	•	0.	•	0.	•	•	000	2
OCT.	0.0		•	••					•	•	0.	•	•		•	•	•	•	•	•	•	6.6	2
SEP.		0.	•	00			0.	•	•	0.	•	•	•	•	•	•	0.	•		•		000	
AUG.	0	0	•	00	•	?	20.		•	•	•	•	•	•	•	•	0.	•	0.	•	•	0.0	200
JUL.		•		0			0.		0.	•	•	•	•	•	•	•	•	•	0.	•	•	000	000
JUN.	.0	0.		0,0					•	•	0.	0.	0.	0.	•	•	0.	•		•	· ·	000	000
MAY									0	•	0.	•	0.	•	0.	•	•	•	0.	•	•	000	200
APR.	•	•							•	•	0.		0.	•	•		0.	•	TRACE	•	•	TRACE	2
MAR.		•		•	•				•	•	0.	•	•	•	0.	•	•	•	0.	•	•	000	2
FB.		0.		•						•	0.		•	•	0.	•	•	•	•		•	000	
JAN.				o o	•				•	••	•	•	0	•	•	•	0.	•	0.	•	•	8.0	000
TEAR /	5.	9.	64	92	25	5	69	:	69	90	67	99	69	70		72	73	*	7.5	76	=	MEAN	

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24 HOUR AMOUNTS IN INCHES	

YEAR	4.5	. 47		84	40	90	16	52	15	49	13	76	\$	MEAN	S.D.
JAN.	XI.			27.0											
Ę							2.0	28.0				28.0			
MAR.		0.	12		0.5		29.0								
Ą		0.	•		2.0										
MAY	•	,	c	0.,	2.0		0.0								
Š	•	,			0.4				c		0.40				
JG.	•	0.	22		0.0	0.0									
AUG.	c														
SEP.	c	0.	29												
OCT.										0.06					
NOV											1				
DEC.															
MONTHS	SNOFALL	SNOFALL	DAYS	SNUFAL	SNOFALL	SNUFALL	SNOFALL	SNOFALL	SNOFALL	SNOFALL	SNOFALL	SNOFALL	4		

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**EXTREME VALUES** 

SNOW DEPTH (FROM DAILY OBSERVATIONS)

62-77

DAILY SNOW DEPTH IN INCHES

SAN NICOLAS, CALIFORNIA

MONTHS							0	-	0	0	•	00	5	00	•		0	0.	000.	9996
WO						-			_		_					-			6	-
DEC.		00	00			0	0.		, 0	-	0	•		00		٠		0.	.000	556
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OCT.		•	00				0	0	0	0	•	96	> 4	00	0	0	0	•	000.	465
SEP.		0	60			00	01	50	00	0	0	00	3	90	0	0	0	•	000.	240
AUG.		•	00	0	0	0	0	0 0	0	0	0	0 (	0	00	0	0	0	0.	000.	506
JUI.			0			0	01	0	0	0	0	0	5	00	0	0	0	•	000.	465
J. J.			00				0	00	. 0	0	0	0	0	00	•	0	0	0.	0000	420
MAY							0	50	00	0	0	0	3	o c	0	0	0	· e	000.	403
APR.							0	00	0	0	0	Ó	5	00	TRACE	0	0	TRACE	000.	390
MAR.			•	•			0	0	0	0	0	00	5	00	0	0	0	e.	0000	465
res.		•	0				0	0	00	0	0	01	5	00	0		8	9	.000	395
JAN.			00	0			0	0	0	0	0	0	3	00	0	0	Ö	0	000.	969
TEAR VEAR	45	84	25	25	57	500	69	22	99	65	2	::	2,	22	2	9/		MEAN	S. D.	OTAL OBS.

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SNOW DEPTH

	YEARS	DAILY SNOW DEPTH IN INCHES
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•		11
10000		124
		SNOW
		70
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VEAR JA	54	**		84	07		06	16	25	37	:	:	75	76	7/E	MEAN	S. O.	-
JAN.		1			0	•												-
Ę					-	22		280	•					280				
MAR.			•		0	300		290										
APR.	•	>	•	0.		28	290	200										
MAY	•	3	0			28	300	300										
JON.	•	>	0	•	>	26				c			0 4					
JUL.	•	-	0			29	060											
AUG.	•	>	0		0													
SEP.	•	>	0	•	>													
OCT.	•	>	•	•	>						30	30						
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MONTHS	SNO DPTH	CNC CATE	5	SNO DPTH	NA DETE		SND DPTH	SAD DATE	SNO DPTH	SNO DPTH	SNO DPTH	SNO OPTH	SNO DOTH	SNO OPTH				

NAVWEASERVCOM

# NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

THE REAL PROPERTY AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT OF

## SAN NICOLAS, CALIFORNIA STATION NAME

93116 STATION

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JANUARY

DATE

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SNOWFALL

PRECIPITATION GREATEST

1948-1952 1965-1977

DAILY EXTREME AMOUNTS

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MM DATE INCHES  MM DATE INCHES  2 1975 2 1975 2 1975 2 1975 2 1975 3 1975 3 1975 3 1975 3 1975 4 1969 4 1969 4 1969 5 13 1969 6 13 1969 6 13 1969 7 1969			INCHES	1	2 0.		0	5 0		7	8	6		11 0	12 0,	13 0,		15 0,	16 0,	17 0.	18 0.	19 0.	20 0	21 0	22 0	23 0.	24 0.	25 0.	26 0.	27 0.	28 0.	29 0	30	
94 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		E.	4ES		60	66	0	*	.58	25	.73	33	745	50	42	118	60	127	18	52	10	10	10	39	-	30	40	32	00		1	20		
94 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		SREATEST	MM	3	2	25	2	11	15	32	19	8	11	13		5		7	5	13	3			10	*	13	10	8	200000	-	-			
		NO	DATE	1966	1975	1948	1975	1973		-	1952	1975#	1970	1952	1973	1949	1973	1969	1971	1968	1952	1974	1950	1969	1969	1969	1973	1969	1951	1951	1948	1952		
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1947-1952 1965-1977

SAN NICOLAS, CALIFORNIA STATION NAME

STATION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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PRECIPITATION SNOWFALL GREATEST MM DATE INCHES MM GREATEST MM DATE INCHES MM 9 1965 9 1965 9 1965 9 1965 9 1965 9 1965 9 1965 9 1965 9 1967 9			INCHES	1 0.37		3 0.38	4 0.34	5 0.21	6 0.18		8 0.71	9 0.73	10 0.11		12 0.13	13 0.01		15 0.03	16 0.03	17 0.07	18 0.25	19 0.24	20 0.19	21 0.21	22 0.04		24 0.05	25 0.70	26	0	0	29 0.01	
965 965 965 965 965 975 975 975 975 975 975 975 975 975 97		SCIPITATIO	MM	6	15	10	6	5	5	3	1.6	19	3	9	3		13	-	1	2	0	0	150	2		8	-	18	-		20		
		Z O	DATE	1968	1965	1965	1965	1969	1975	1967	1965	1975	1965	1967	1976*	1972	1971	1976	1975	1975	1967	1961	1967	0	0	1951	1975	1951		-	0		
	ļ '	, O	INCHES																	•													
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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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# DAILY EXTREME AMOUNTS

1947-1952 9999-9999 1945-1945

SAN NICOLAS, CAL IFORNIA STATION NAME

93116 STATION

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NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

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DIRNAVOCE ANMET - SMOS

1947-1952 9999-9999 1945-1945

SAN NICOLAS, CALIFORNIA STATION NAME

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SNOWFALL

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T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

1945-1945 1947-1952 9999-9999

SAN NICOLAS, CALIFORNIA STATION NAME

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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	E.	PRECIPITATION GREATEST	N.	សម	SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	0
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2						
3	10.0		1972			
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9	0.07	2	1975			
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00	0.07	2	1973			
6		•	1968*			
10	0.10	3	1947			
=	-	-	1968*			
12	•	•				
13	-	•	1968*			
14	60.0	2	1968			
15		4	1970*			
16	0.07	2	1971			
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18	0.04		1972			
19						
20			1976			
21	0.09	2	1976			
22	0.16	•	1973			
23	0.01		1970			
24	0.01		1972			
25	0.12	3	-			
26	0.08	2	1950			
27	0.37	6	1964			
28	0.31	8	1974			
29	0.43	11	1945			
30	0.29	7	1943			
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\* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0

**DIRNAVOCEANMET-SMOS** 

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42 1976

1,67

Monthly

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SAN NICOLAS, CALIFORNIA STATION NAME

93116 STATION

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MONTH

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

00

1945-1945 1947-1952 9999-9999 VEARS

DECEMBER

SNOWFALL	
PRECIPITATION GREATEST	

DATE

MM

INCHES

DATE 1964

Z

INCHES

DAY

0

0.05

0.99

0

SNOWFALL

PRECIPITATION

	ag.	PRECIPITATION GREATEST	Z	.s. O	SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	DA
1	0.37	5	1951			
2	0.37	6	1951			
3	69.0	16	1966			
4	1771	31	1974			
5	61.1	30	1966			
6	0.27	7	1951			
7	04.0	1.8	1949			
8	0.63	16	1949			
6		7	1965			
10		•	1965			
11		60	1991			
12	0.30	8	1991			
13	10.0		19734			
14	0.20	\$	1965			
15	96.0	•	1949			
16	69.0	17	1948			
17	61.0	2	1977			
18		19	1970			
19	0.25	9	1661			
20	60.0	2	1961			
21	84.0	1.2	1970			
22	0.32	8	1971			
23	12.0	5	1971			
24	0.68	17	1971			
25	***0	11	1977			
26	0.70	18	1977			
27	69.0	17	1971			
28		14	1977			
29	20.1	27	1991			
30	0.95	24	1991			
31	0.13	3	1976			
Monthly	1971	117	1977			

1969

0.28

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12

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1969 1966 1966 1968

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23 1967

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1965

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1973

92 27

28 30

1950

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T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0

65 1965

2.57

Monthly

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#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in for that year. Means and standard deviations are computed when four or more values are present for any

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- 2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following celling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

SURFACE WINDS

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62-77

47-52, 55,

SAN NICOLAS, CALIFORNIA

DAILY PEAK GUSTS IN KNOTS

σ.			26				1.		4.0	30	52	46	4			•	45.7	181	5543
MONTHS			3 2				3 2		2 3 2	3 Z	Z Z	30	33			26	•	5.	5
DEC.		55				36					38	1		64	52	5	1.04	322	964
2		3	PONE PONE			N	BANNE 27	2	T T T T T	3 Z	4733	39	6	35	52	7			
NOV.															53		36.9	.292	4
_	22	SONE	TANA P			Z	41SE	2	200	20	108	53	833	3729	200	0		•	L
OCT.			1												- 1		35.8	5.995	526
	3	2	ANN			36	BUNE	294	270	MA	313	399	313	393	203	80	34.5	100	
SEP		NEEN	2200			3 2	2 Z Z	STNN	2 3 2	ZZO	7 5	200	3	3232	90	06		1 3	
AUG.		98	9, 60		35	-	34	1	* *	9 60	37	33	31	32	36	6	34.5	. 502	524
		ž	BONE		Z	NEWS	NOCE	7 2	2 3 0 0	3	3631	629	3132	3630	130	1676			
J.						3											34.4	4.856	491
ż			NO NE			2	AN RE	200	1000		2830	100	+13	m :	0000	60	37.4		
ž			N N N N N N N N N N N N N N N N N N N				NO S	Z	SAN	NAN	3531	0	3		3630	20		3	
MAY								100 300	20 1	32	35	100		1000	36	F	39.8	6.635	428
			SON				SOUNA 42NE		101	Z	3829	629	100	166	130	000		3 100	
APR.								3								26	42.6	6.767	*
MAR.			NIC	4			NOC 4	-	PAR PAR	N	3529	4.50	403	4730	6	0	2.19	.246	402
ì			3	-			NOV		2 3	Z	3931	31	28	33		26		5	
2			3	•					28 I D.		8 00 C. LC			15255VFH			39.2		393
			7	408SE			NOS		S C C C	N N	5229	1292	132	5133	9030	66		553	794
JAN.			332				N N	Sell's.			MNN						40.3	7.3	•
WONTH	~~			26	- ~	<b>a</b> 4					1:		12	75			3	Ö	088
YEAR A	••	••	-	200	m •	••		9	0	•	1.	1	-	[			MEAN	S. D.	TOTAL OBS.

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NAVWEASERVCOM

SURFACE WINDS

47-52, 55,

SAN NICOLAS, CALIFORNIA

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/BASED ON LESS THAN 90% DBSERVATIONS FOR MONTH!

YEAR	JAN.	Ę		MAR.	APR.	MAY	ž.	JE.	AUG.	SEP.	OCT.	NOV.	DEC.	
648					0	0	0	0	0	0				-
4.4				0	0	0		NW 39	ŏ	0	0			
10	ō	•		0	0	-	TO RUE	0	ő	•	NE NA	3	52NW 22	
•	0	3	2	254		107	NW 52W	~						
16		TE SE	N T	47										
98									30					
23							0							-
69					i i samu					MNW 30				20
;											0			30
90													0	MINDS
10	ā	•		2 0	182N	NW 39						WNW 35		30
22							4		30 36					30
75							31 39							30
76			8	172										3.0
MEAN														-
S. D.														$\vdash$
TOTAL OBS.														_

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NAVWEASERVCOM

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5702 SURFACE WINDS JAN 78

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

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73-77 ALL WEATHER SAN NICOLAS, CALIFORNIA

CONDITION

NOURS (L.S.T.)

NON HONTH

::	:	7 . 10	9 .:	17.21	n · n	28 - 33	34 - 40	41.0	48 - 55	% Al	×	MEAN WIND SPEED
1.	3.7	.7	1.5								6.6	6.7
	1.5	.7									2.2	6.3
1.	1.5			7.5							3.7	10.2
											.7	3.0
	1.5										2.2	4.0
1.5											1.5	2.0
1.5	.7	1.5	.7								4.4	7.2
	2.2										2.9	4.8
	1.5	1.5		. 7							4.4	8.2
	.7										1.5	4.0
1.5	2.2	.7									4.4	4.3
.,											2.9	4.0
5.1	5.9	1.5	1.								13.2	4.6
.7	5.1	.7	5.9	1.5	. 7						11.6	10.3
	2.9	2.9	3.7	5.9							13.2	11.0
	1.5	4.4	3.7		.7	.7					11.0	12,3
X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	13.2	
16.9	33.1	14.7	13.2	4.6	3.1	L					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

155

TOTAL NUMBER OF OBSERVATIONS

0

-

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

SAN NICOLAS, CALIFORNIA

ALL WEATHER

CONDITION

0

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9

NOUNS (L.S.T.)

SPED (SNTS)	:: ::	;	7.10	 8	17 - 21	22 - 27	28 - 33	34 . 46	4.4	48 - 55	8	×	WIND SPEED
z	4.5	3.2	2.6	1.3		9.						12.3	6.7
NN.	1.3	2.6	1.3	9.								5.8	
N.	1.9	1.3	9.		•							4.5	6.3
ENE	1.3	9.	1.3	1.3								4.8	7.4
	9.	1.3	1.9									3.9	5.8
ESE	1.9		9.									2.6	3.3
38	9.				9.							1.3	12.0
SSE		2.6	1.3	•								4.5	6.7
s	1.3	1.9	5.5		9.							0.6	7.5
SSW	1.3	9.		9.								2.6	5.5
SW		9.	9.									1.3	6.5
WSW			9.									9.	
*	1.3	9.	9.	1.3		9.						4.5	10.01
WWW	1.3		3.2	3.9	1.3							9.7	10.6
NN	1.9	1.3	3.9	4.5	3.9	1.3						16.8	12.5
NNW	1.3	1.3	2.6	5.6	9.	9.	9.					6.7	11.5
VARBL													
CALM	X	X	X	X	X	X	$\bigvee$	X	X	X	$\bigvee$	6.5	
	20.6	18.1	26.5	16.8	7.7	3.2	9.					100.0	8.2

#### SURFACE WINDS JAN 78 0

WINDS SURFACE I

O

13 HOURS (L.S.T.)

JAN

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLASS CALIFORNIA

93116

0

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YEARS

ALL WEATHER

CONDITION

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

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SPEED (KNTS) DIR.

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8.8 5.50 5.00 9.3 14.3 6.9 MEAN WIND SPEED 3.5 5.00 2.6 5.5 5.8 6.5 2.6 1.3 100.0 18.1 \* 128 48 - 55 41 - 47 34 - 40

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SK SSW ASA TOTAL NUMBER OF OBSERVATIONS

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3.2

10.3

19.4

23.9

32.3

7.7

CALM

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1.9

4.5 1.3

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3.2

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WHW WWW

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OF

155

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DIRNAVOCEANMET

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

SAN NICOLAS, CALIFORNIA

73-77 ALL WEATHER

93116 STATION

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16 HOURS (L.S.T.) NAL

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MEAN WIND SPEED	6.7	2.0	3.3	7.8	3.3	4.0	4.5	8.3	7.8	8.1		5.7	11.9	11.5	12.4	10.7			8.8
×	8.7	1.4	2.2	2.9	4.3	1.4	1.4	2.2	4.3	5.1		2.2	5.1	14.9	22.5	14.5		7.2	100.0
85 VI																		$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
34 - 40			10															$\bigvee$	
28 - 33														8.0				$\bigvee$	.7
22 - 27																1.4		$\bigvee$	2.2
17 - 21													1.4	5.5	00.5	2.2		X	10.9
1 . 16	2.2									.7			1.4	5.1	8.0	5.9		X	21.7
7 . 10				2.2				.7	1.4	2.9				2.2	4.3	2.2		X	17.4
9:	4.3				2.2	1.	7.4		2.2	1.4				3.6	2.2	3.6		X	24.6
:	2.2	1.4	1.4		2.2	4.							1.	1.	2.2	2.2		X	15.2
SPEED (KNTS) DIR.	z	ZZ	¥	Z	-	ESE	35	SSE		SSW	SW	WSW	*	WW	ž.	MAN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

FROM HOURLY OBSERVATIONS)

2

SURFACE WINDS

73-74 ALL WEATHER SAN NICOLAS, CALIFORNIA

MEAN WIND SPEED	12.0				2.0		10.0	3.0	4.3	12.0			9.8	10.8	17.6	8.5			10.5
*	4.2				4.2		4.2	4.2	12.5	4.2			16.7	20.8	20.8	8.3		0.	100.0
*																		$\bigvee$	
48 - 55																		$\bigvee$	
41.47																		M	
4 . 4																		$\bigvee$	
28 - 33																		$\bigvee$	
2.2															4.2			$\bigvee$	4.2
17 - 21														2.4	2.4			$\bigvee$	8.3
. : 5	4.2									4.2			6.8	8.3	12.5			$\bigvee$	37.5
7.10							4.2						4.2			8.3		$\bigvee$	16.7
•								4.2	12.5				2.4	8.3				$\bigvee$	2.62
1.3					4.2													$\bigvee$	4.2
SPEED (KNTS) DIR.	z	M	7	1	1	253	*	38	8	SSW	SW	wsw	*	WWW	WW	MAN	VARBL	CALM	

0

0

DIRNAVOCEANMET SMOS

608

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

0

MAN

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

SAN NICOLAS, CALIFORNIA

ALL WEATHER

0

0

0

0

0

SPEED (KNTS) DIR.	1.3	• - •	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	4.2	41 - 42	48 . 55	8	×	MEAN WIND SPEED
z	2.6	3.8	1.0	1.8		.3						9.5	6.8
NX.		1.8	.5	.2								3.1	5.5
¥	1.0	1.5	. 7									3.6	9.9
E.	.7	1.0	1.3	.5								3.5	6.9
-	1.2	2.0										3.8	4.5
ESE	1.0	8.	.2									2.0	3.9
35	.5	.5		.2	2.	.2						2.1	1.6
SSE	.3	1.6	1.	.5								3.1	9.9
		2.1	2.5									4.9	8.0
SSW	.5	1.3	1.2	.7								3.6	7.0
SW	.3	8.	.3	.2								1.6	5.6
WSW	.3	*	S.	.2								1.8	5.9
*	1.8	2.0	1.2	1.6		.2						7.4	8.5
WWW		2,5	1.8		1.8	2.						10.9	11.2
¥	1.2	2.0	3.6	5.4	3.0	1.2	.2					17.4	12.9
NNN	1.3	2.5	4.1	2.8	1.3		.5					13.2	10.8
/ARBL													
CALM	X	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	6.9	
	14.6	27.0	20.7	18.6	8.9	2.6	.7					100.0	8.4

7.6

MEAN WIND SPEED

41 - 47

34 - 46

28 - 33

22 - 27

17 . 21

11 . 16

7 - 10

1.3

SPEED (KNTS) DIR.

1.6

1.6

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0

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1.6

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8.5

7.0

WINDS

SURFACE

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

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0

YEARS

ALL WEATHER

07 HOURS (L.S.T.)

FEE MONTH

CONDITION

4.1 1.6 . 8 4.5 128 48 - 55

TOTAL NUMBER OF OBSERVATIONS

122

8.0

100.0

2.5

6.4

23.0

23.8

22.1

10.7

13.1

5.7

18:02

12.8

1.0

2.5

3.3

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VARBL CALM

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SW WSW

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DIRNAVOCEANMET

#### MEAN WIND SPEED 10.6

SURFACE WINDS

FEB HONTH

11.000 13.1 18.4 2.64

9.4

100.0

1.4

NIN VARBL

CALM

8.5

26.2

141

TOTAL NUMBER OF OBSERVATIONS

SURFACI		% AI																	
SUR		48 - 55																	
	YEARS	4 . 4																	
9 0	, i	34 · 40																	
OF WIN		28 - 33																	
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	WEATHER CLASS	22 - 27																1.4	The second secon
GE FREC ECTION HOURLY	ALL WEATHER CLASS	17 . 21	4.		. 7											2.1	2.8	1.4	
RCENTA DIRI (FROM )		5 5	2.1					•			2.8		.1			5.0	8.5	2.0	
2	FORNIA	7 . 10	1.4				2.8			3.5	2,8	• 1	1.4		.,	2.1	4.3	3.5	
	CALIFO TATOR TAR	;	3.5	1.4	1.4	3.5	3.5	•						1.4		2.1	8.2	2.0	
R SERVICE IENT E, NC	SAN NICOLAS, CALIFORNIA	?	2.8			1.4			.1									2.1	
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC	NAS	SPEED (KNTS)	z	N.	7	BRE	•	ESE	36	SSE	8	SSW	SW.	WSW	*	WNW	Ž	NNN	
VAN	93116 station																		THE REAL PROPERTY AND ADDRESS OF THE PARTY AND

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6.4

5.0

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12.3

3.5 5.7 2.8 2.1

5.0 11.5

8.5

13.6

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2.1

3.5

2.8

5.7

NW NWW VARBL

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CALA

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(3)

3.5 200

2.1

2.8

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MSM

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35 AS

3.5

1.4 1.4

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- 3 - 3 -

13.8

2.8 9.2 20.6 19.1

SURFACE WINDS JAN 78

MEAN WIND SPEED

8

22 - 27

17 - 21

11 . 16

7 - 10

1.3

SPEED (KNTS) PIE.

.

2.7

2.18

0

0

(3)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

SAN NICOLAS, CALIFORNIA

93116 arvres

0

0

0

0

YEARS 73-77

13 HOURS (L.S.T.) FEB HONTH

212

WINDS

SURFACE

CONDITION

TOTAL NUMBER OF OBSERVATIONS

2.8

11.3

29.8

23.4

23.4

141

10.6

100.0

200

DIRNAVOCEANMET SMOS

16 HOURS (L.S.T.)

FEB

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

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0

YEARS ALL WEATHER SAN NICOLAS, CALIFORNIA

73-77

MEAN WIND SPEED	7.4	4.2		2.0	5.2	12.0	8.2	5.5	11.0	7.0	8.0	8.3	10.0	15.7	12.8	6.6			10.3
×	1.6	0.4		80.	0.4		0.4	1.6	7.3	3.2	8.	5.4	6.8	12.1	27.4	15.3		1.6	100.0
% Al																		X	
8 . 55																		X	
41.4																		$\bigvee$	
34 - 40																		X	1
28 - 33															20			X	00
22.22														7.0	1.6	1.6		X	4.4
17 - 21														3.8	1.6	5.4		X	7.3
91 . 16						9.			3.2	æ.		8.	5.4	5.6	12.1			X	26.6
7 - 10	4.8	8.			8.		3.2	3	4.0		80.		1.6	1.6	8.1	4.0		X	32.3
:	1.6	1.6			2.4		æ•					8.			3.2	6.9		X	18.5
<u>:</u>	2.4	1.6		8.				8.		30						8.		X	8.1
SPEED (KNTS) DIR.	z	NN NN	¥	ENE	3	188	35	SSE	s	SSW	AS.	wsw	*	WWW	W	NNW	VARBL	CALM	

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124

TOTAL NUMBER OF OBSERVATIONS

0

DIRNAVOCEANMET SMOS

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) FEB ALL WEATHER 73 SAN NICOLAS, CALIFORNIA

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5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL MEATHER

SAN NICOLAS. CALIFORNIA

93116

0

0

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0

MOURS (L.S.T.)

FEB

MEAN WIND SPEED	8.0	6.7	7.6	4.8	5.8	6.7	7.4	7.4	6.6	8.3	8.8	7.3	8.0	12.5	12.4	11.2		9.5
×	8.6	2.4	2.2	2.4	5.1	1.1	2.2	3.8	6.2	3.3	1.8	5.9	4.2	12.6	21.6	15.4	4.2	100.0
95 VI																	X	
8 . 33																	X	
41.0																	X	
34 - 40																	X	
28 - 33															.2	4.	X	3.
n · n		.2												••	1.3	6.	X	2.9
17.21	4.		.2							.2		.2	.2	5.4	2.2	5.4	X	8.0
. : 5	2.0		.2		7.	5.	7.		5.4	6.	4.	.5	6.	4.6	6.6	5.9	X	26.0
7 - 10	2.0	s.			1.5		::	1.8	5.9	1:1	1:1		1.1	5.9	8.4	3.7	X	26.3
;	2.0	1.3	7:1	1:1	5.9	s.			1.	.5	4.	6.	1.8	2.0	2.2	4.4	X	23.6
?	2.2	3.	.2		5.	.2	2.		.2	s.		.5	.2	.2	1.1		V	8.6

X X X W X X X

SSW

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CALM

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TOTAL NUMBER OF OBSERVATIONS

547

0

0

E 5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

ALL WEATHER

NOURS (L.S.T.) MAR

CONDITION

0

0

0

0

MEAN WIND SPEED	7.3	20.0	8.0	2.0		16.0	0.6	4.8	7.0	12.0	3.0	6.9	9.8	13.6	12.4			0
*	2.1	4.	3.5	4.		4.	1.4	3.5	3.5	4.	1.4	12.7	19.7	36.6	6.9		7.7	0 000
% AI																	$\bigvee$	
48 - 55																	X	
4.4													D				X	
¥ .																	X	
28 . 33														.,			X	
22 - 27													.,	2.8			$\bigvee$	2 0
17 - 21		. 7										.7	1.4	7.7	1.4		X	
1. 16			1.4			.,	. 7		.7	.7		2.1	6.3	14.1	2.1		X	0 00
7 . 10	1.4							1.	1.4			1.4	4.2	6.3			X	. 4.
;	.7		1.4					2.1	.,		1.	6.4	6.4	6.4	1.4		X	200
1.3				.,				1.			7.	3.5	2.1				X	
824		Z	7		-		38		3	,	35		ž.	2	3	=	3	

DIRNAVOCEANMET SMOS

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142

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

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11 - 16

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4.6

1.3

KNTS) DIR.

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15.6

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## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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73-77

SAN NICOLAS, CALIFORNIA

93116

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NOURS (L.S.T.)

MAR

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ALL WEATHER

CONDITION

48 - 55 41 - 47 34 - 40 28 . 33 • •

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TOTAL NUMBER OF OBSERVATIONS

154

12.0

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13.0

32.5

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DIRNAVOCEANMET SMOS

5.3

5702

MEAN WIND SPEED

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

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SPEED (KNTS) DIR.

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SURFACE WINDS JAN 78

WINDS SURFACE 0 6 0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

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YEARS

ALL WEATHER

13 HOURS (L.S.T.)

MAR

1.3 39.4 2.6 2.6 1.3 1.3 9. 3.2 100.0 \* 12 48 - 55 41 - 47 34 - 40

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WSW WSW SSW

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3.9 9.

12.9

1.3 3.2

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VARBL

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5.6

3.2

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TOTAL NUMBER OF OBSERVATIONS

3.2

7.7

16.8

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20.6

13.5

3.9

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155

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DIRNAVOCEANMET

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

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ALL MEATHER

16 HOURS (L.S.T.)

MAR

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LT PAR	7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55
1	REAL PROPERTY.
17.0	C - 10
Town or the	0
L. S.V.	

MEAN WIND SPEED	7.4		6.7	3.0			12.0	16.7	8.0	8.7	9.5	8.0	0.4	17.1	16.6	8.1			13.8
×	3.7		2.2					2.2		2.2	4.4	4.4	4.	20.6	45.6	80		5.9	100.0
89 Al																		X	
48 - 55																		X	
41.4																		X	
34 - 46																		X	
28 - 33																		X	
22 - 27														3.1	8.1			X	13.3
17 - 21								1.5						5.1	12.5			X	10.0
91 . 16	.7									•				8.1	17.6	5.9		X	4 65
7 - 10	.7		1.5		+						5.9	1.5		2.2	5.9	2.2		X	18.4
•	2.2											1.5				5.9		X	9.0
:			.,															X	0 0
SPEED (KNTS) DIR.	z	N N	2	K	2	252	*	325	•	SSW	*5	WSW	*	WNW	MW	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

136

DIRNAVOCEANMET SMOS

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

SAN NICOLAS, CALIFORNIA

73-74

MAR

ALL WEATHER

7
-
34 - 40
28 - 33
22 - 27
17 - 21

Spirit Allen	The second second												
PEED CNTS)	<u>.</u>	•	7 - 10	11 - 16	17.21	n · n	28 - 33	34 - 40	41.4	48 - 55	% %	*	MEAN WIND SPEED
z													
N.													
¥													
E E													
135													
*													
32													
SSW		3.3										8.3	5.0
SW													
WSW				4.2								4.2	15.0
*		8.3										8.3	0.9
WWW			12.5									20.8	10.2
¥			4.2	25.0	16.7	12.5						58.3	17.4
ANN													
ARBL													
ALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	•0	
		16.7	16.7	37.5	16.7	12.5						100.0	13.8















































SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAR	MONTH	ALL	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CIASS	COMBITTION
ICOLAS, CALIFORNIA	STATION NAME			
COLAS				

MEAN WIND SPEED	6.8	8.8	4.9	7.4	4.8	4.5	13,3	11.8	7.7	7.7	8.7	8.1	8.3	13.8	15.9	11.3			12.2
×	4.3	1.3	2.5	1.6	8.	.3	6.	1.6	2.5	4.1	2.0	2.3	5.9	17.8	40.3	8.7		3.4	100.0
% Al																		$\bigvee$	
8 . 55																		X	
41.47																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33														.3	8.			X	1.1
22 - 22			.2											2.0	6.2	.2		X	8.5
17 - 21				~				•		.2	.2		• 5	3.1	1001	1.1		X	15.5
91 - 11		.2	.2	e.			. 3		.5	8.	6.	6.	1.6	6.7	15.5	3.4		X	31.9
7 . 10	1.0	6.	.5	.2	.2				30	1.5	1.0	1.3	1.5	3.3	5.7	2.1		X	19.3
:	2.3		8.		• >			.3	30.	1.3	.3	.5	1.6	1.6	1.8	1.6		X	15.4
:	6.		∞.	.2	.2			.2	.3	. 3	.2	.3	1.0			2.		X	4.7
SPEED (KNTS) DIR.	z	Z	¥	EN EN		ESE	35	32		ASS	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

OE

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DIRNAVOCEANMET SMOS

0

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

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ALL WEATHER

NOURS (L.S.T.)

APR HONTH

CONDITION

MEAN WIND SPEED	9.8	15.0	6.7	4.0	6.5	0.9	2.0	7.0	3.0	7.5	2.5		4.9	4.6	14.6	10.6			6.6
*	2.8	.,	2.1		1.4			1.4	1.4	1.4	1.4		9.5	17.7	43.3	5.0		6.6	100.0
8																		$\bigvee$	
8 . 55																		X	
41.0																		$\bigvee$	
4 . 4																		$\bigvee$	
28 - 33																		$\bigvee$	L'
2.2															4.3			$\bigvee$	R.O.
17 - 21	1.													. 7	7.8	2.1		$\bigvee$	11.3
11.16	7.							1.					1.	4.3	22.0			X	20.8
7 . 10													1.4	5.7	5.7			$\bigvee$	13.5
:	1.		1.4	••					.,				2.8	5.0	2.1	1.4		X	17.0
:	1.						4.	6.			1.4		4.3	1.4	1.	1.4		X	1 61
85.	T							-		-		*		*		*	=	*	

DIRNAVOCEANMET SMOS

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141

TOTAL NUMBER OF OBSERVATIONS

10.0

MEAN WIND SPEED

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

YEARS

APR

NOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS)

0

0

- 33 28 28 29

3

0

*	4.0	4.7	2.0	2.0	0.4	2.7	•	1.3	1.3	3.3	1.3	2.1	2.7	0.9	38.0	22.0	1.3	100.0
N 26																	$\bigvee$	
48 - 55																	$\bigvee$	
41 - 47																	$\bigvee$	
34 - 40																	$\bigvee$	
28 - 33															1.3		X	1.3
22 - 27															4.0	.7	X	4.7
17 . 21		4.												2.7	10.7	2.7	X	16.7
91 - 11	2.0		4.							1.3				2.0	16.0	5.3	X	28.0
7 - 10	1.3					.7			.7		.7	1.3	1.3		3.3	4.7	X	16.0
•	.,	2.0	4.	1.3	2.7	.7			.7	1.3					4.	8.0	X	22.7
1:3		1.3			1.3							.7			2.0		X	9.3

DIRNAVOCEANMET SMOS

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150

TOTAL NUMBER OF OBSERVATIONS

11.1

13 HOURS (L.S.T.)

APR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

SAN NICOLAS, CALIFORNIA

93116

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ALL WEATHER

CONDITION

SURFACE WINDS JAN 78

MEAN WIND SPEED	5.3	6.7	5.7	5.2		0.9	4.5	10.5	7.5	7.7	7.3	8.6	9.6	16.6	16.3	10.1			12.1
*	2.7	2.0	4.7	3.3		4.	1.3	1.3	1.3	2.0	2.7	0.9	3.3	12.7	35.3	20.0			100.0
<b>%</b> Al																		X	
8 . 35																		X	
4.0																		X	
34 . 45																		$\bigvee$	
28 - 33														.7	1.3			X	2.0
22 - 27														2.0	4.0	.7		$\bigvee$	4.3
17.21														2.7	11.3	1.3		X	16.0
11 - 16		.7						.7			.7	1.3	7.	5.3	15.3	6.7		X	21.3
7 . 10			1.3				.7	.7	. 7	1.3	.7	2.0	2.7	2.0	2.7	6.7		X	22.0
•	2.7	1.3	3.3	2.0					.7		1.3	1.3				3.3		X	18.0
:							.,									1.3		X	2 3
E SE	z	NN.	Z.		1	383	*	355	8	MSH	SW.	NSW.	*	NW.	NW.	INW	ARBL	ALM	

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

YEARS

ALL WEATHER

16 HOURS (L.S.T.)

APR

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COMBITION

17 - 21

11 - 16

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SPEED ENTS)

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12.000 16.0 12.0 9.8 MEAN WIND SPEED 2.3 1.5 . 00 8. \* 128

TOTAL NUMBER OF OBSERVATIONS

133

13.6

100.0

8

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16.5

45.1

17.3

7.5

3.0

8

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10.5

3.0

5.3 2.3 8

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8. 2. 8. 8.

WSW WSW

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

73

SAN NICOLAS, CALIFORNIA

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NOURS (L.S.T.)

SPEED (ENTS) DIR.	:	:	7 . 10	<u>*</u>	17.21	2.2	28 · 33	34 - 40	41.4	48 - 55	85 Al		×
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ZZE													
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Z													
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ESE													
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•													
SSW													
SW	5.0											5.0	0
WSW													
*	5.0		5.0									10.0	0
WWW			15.0	35.0	5.0							0.38	0
NN			10.0	5.0	5.0	10.0						0.0€	0
MMW													
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	0.	0							
	10.0		30.0	60.0	10.0	10.0						100.0	-

0

### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

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ALL WEATHER

ALL HOURS (L.S.T.)

APR

CONDITION

SPEED (KNTS) DIR.	•	•	7 - 10	91 - 11	17 - 21	n · n	28 - 33	34 - 40	41 - 47	48 - 55	> > > > > > > > > > > > > > > > > > > >	*	MEAN WIND SPEED
z	.2	1.3	. 5	4.	.2							5.9	
Z	5.	8.	.3	6.	.2							2.2	7.2
Z	.2	1.5	.3	e.								5.4	5.9
H		1.0	.2	.2								1.7	5.3
	.3	.8	.2									1.3	4.5
ESE	.2	.5	.2	.2								1.0	6.8
35	.3	.2	~									4.	4.0
SSE	2.	.2	.3	€.								1.0	8.0
8	.2	s.	.3	.2								1.2	6.7
SSW	7.		.3	č.								1.7	7.4
SW			·.	s.								2.4	4.9
WSW	£.		1.2	1:0	.2							3.5	8.6
*	1.5	1.0	2.0	• 5								5.1	6.9
WWW	s.	1.5	3.0	1.0	3.0	1.5	.2					16.5	13.6
¥	4.	8.	4.4	18.9	6.6	4.5	1.0					2.04	15.7
NNW	8.	3.5	3.7	3.4	1.5	.3						13.3	9.8
VARBL													
CALM	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	M	$\bigvee$	3.0	
	7.1	16.0	17.7	33.7	15.0	4.9	1.2					100.0	11.7
		Contract of the second											

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

04 HOURS (L.S.T.) MAY YEARS ALL WEATHER 73 SAN NICOLAS, CALIFORNIA

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11.16 17.21 22.22 28.33 34.	34.40 41.47 48.55	
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1.9

1.3

MEAN WIND SPEED

\*

28 . 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

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Z Z Z

0

0

155

9.6

100.0

14.8

24.5

20.6

18.7

0.6

3

0

0

0

5702 SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER

SAN NICOLAS, CALIFORNIA

93116

NOURS (L.S.T.) MAY

OF

C

SURFACE WINDS

0

CONDITION

12 48 - 55 41 - 47 34 - 40

9.

g.

1.3

- 2 - 2 -

1111

11.4

00:

3.9

12.9

9.0

NW NW NWW

0

CALM

WSW WSW

\*

SSW

2.6

4.6

0.4

2.6 1.9 28.4 36.1

1.3

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

### SURFACE WINDS

OFO

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0

0

0

0

0

YEARS

ALL WEATHER

CONDITION

NOURS (L.S.T.)

10.3 10.4 14.1 WIND SPEED 2.6 2.6 2.6 1.9 5.2 5.2 14.8 3.9 100.0 14.2 128 . 55 4 41 . 47 34 - 40 0 9. 28 - 33 6.0 2.6 22 - 27 1.9 11.0 13.5 17 - 21 14.8 28.4 9. 9. 11 . 16 .6 21.9 9. 4.8 1.3 7.10 . 2.6 3.9 20.6 9. 1.3 9. 1.3 000 9. . - 3 2 2 2 SSW WSW W WWW NN. CALM SENSO 2 2 2 2 VARBL •

OF

135

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

DIRNAVOCEANMET SMOS

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER

73-77

SAN NICOLAS, CALIFORNIA

0

13 HOURS (L.S.T.) MAY

0

0

SPEED (KNTS) DIR.	:	;	7 - 10	ž :	17.21	n - n	28 - 33	34 . 45	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
z	1.3	-	0.									3.2	4.6
Z	0.	-										2.6	4.8
¥	9.	1.9										2.6	3.8
ENE	9.	9.										1.3	4.0
	1.3	•										1.9	3.7
ESE				••								9.	12.0
*				9.								9.	11.0
388		9.										9.	0.0
	9.	1.3		9.								2.6	7.0
SSW		1.3	1.9			100						3.2	7.4
SW		9.	1.9									2.6	7.0
WSW		2.6										2.6	5.3
*		1.3	9.	1.3								3.2	8.2
WWW		1.3	3.9	13.5	5.5	2.6						26.5	14.9
*		1.9		12.3	6.5	2.6	9.					28.4	14.5
NNN		1.9	7.7	3.9	2.6							16.1	11.1
VARBL													
CALM	X	X	X	X	$\bigvee$	1.3							
	5.2	19.	21.3	32.9	14.2	5.2	9.					100.0	11.5

155

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0

ALL WEATHER

COMDITION

NOURS (L.S.T.)

MAY

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0

0

6

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. 8

æ æ

. 8

3

1.6

1.6

SSW

WSW WSW

\*

10.0 6.3 13.1 8.0 2.5 3.7 4.5 5.0 6.3 8.7 WIND SPEED 2.8 33.2 1.6 1.6 2.5 \*

0 F 0

122

12.9

100.0

00

5.7

20.5

36.9

18.9

11.5

6.4

3.3

7.4 11.5

16.4

0 8 9 9

13.1

2.5

NW NW NW NAME

0

CALM

\*\*\*

4.1

.8

2

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

## SURFACE WINDS

OF O

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MOURE (L.S.T.) MAK 73-77 ALL WEATHER CONDITION SAN NICOLAS, CALIFORNIA

MEAN WIND SPEED	8.9	6.3	3.8	3.3	4.4	7.0	10.5	5.9	5.7	5.8	0.9	6.5		13.7	14.3	10.4			
*	2.6	1.9	1.9	1.7	2.0	1.4	1.0	1.2	3.2	1.5	2.2	2.6	3.9	25.7	33.3	9.7		4.3	000.
% Al				7.														$\bigvee$	
48 - 55																		X	
41.40																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33														.2	.3			$\bigvee$	
22 - 27														1.9	1.9	.2		X	
17 - 21	• 3						~.						~	4.4	9.5	6.		X	
11 . 16						.3	e.	.2	.3			.3	1.5	11.2	13.3	2.7		X	
7 - 10		• 2	2.		.2	.3	.3	.3		.5	6.	.3	6.	0.0	5.8	3.6		X	
;	6.	6.	6.	.5	1.2	s.	.2	.2	1.5	.7	1.2	1.7	1.2	1.7	2.4	2.4		X	
:	.7	6.	6.	1.2		.2		5.	1.	.3	.2	.2	2.	.3	2.			X	-
ENTS)	z	MA	=	ENE	3	ESE	35	358	s	SSW	SW	WSW	*	WNW	W	NNN	VARBL	CALM	

1411

DIRNAVOCEANMET SMOS

0

588

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

01 HOURS (L.S.T.) ALL WEATHER SAN NICOLAS, CALIFORNIA

0

0

0

SPEED (KNTS) DIR.	z	NNE	NE	3	ESE	35	358	S	SSW	SW	WSW	*	WWW	NW.	NNN	VARBL	CALM	
:								50.0									X	50.0
:																	X	
7 - 10												50.0					$\bigvee$	50.0
1. 15																	X	
17 . 21																	$\bigvee$	
22 - 27																	$\bigvee$	
28 - 33																	$\bigvee$	
34 - 40																	$\bigvee$	
41.47																	$\bigvee$	
48 - 55																	$\bigvee$	
7 26																	$\bigvee$	
×								50.0				30.0					0.	100.0
MEAN WIND SPEED								2.0				7.0						

DIRNAVOCEANMET SMOS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (1.5.T.) NONTH YEARS ALL WEATHER SAN NICOLAS, CALIFORNIA

4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 \$56 % W	4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55	
100.0	0.0	
	0.0	
0.001	0.0	
	0.00	
0.001	0.00	
0.001	0.00	
0.001	0.00	
0.001	0.00	
100.0	0.00	
0.001	00.00	
0.001	0.00	
100.0	00.00	
0. 0.001		100.0
0. 0.001		
•0 •001		
0. 100.0 3		
100.0		°•
	200	100.0

150

TOTAL NUMBER OF OBSERVATIONS

200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER SAN NICOLAS, CALIFORNIA

0

0

0

NOURS (L.S.T.)

NON

MEAN WIND SPEED	3.2	3.0		0.0	4.2	5.5		5.3	4.7	4.0			5.8	10.2	13.0	4.2			8.2
×	3,3	1.3			0.4	1.3		2.7	2.0	.,			7.3	18.7	38.0	6.7		13.3	100.0
<b>%</b>																		X	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 . 45																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27															2.0			X	3.0
17.21														1.3	7.3			X	8.7
1.16														8.0	16.0			X	28.3
7 - 10						.,		.,					.,	4.0	7.3			X	13.3
• •	2.0			. 7	2.7			1,3	2.0	.,			0.9	4.0	4.7	2.0		X	27.3
: -	1.3	.7			1.3			.7						1.3		4.0		X	10.0
SPEED (KNTS) DIR.	z	NNE	¥	ENE	8	ESE	35	SSE	s	SSW	SW	WSW	*	WNW	NW	NNW	VARBL	CALM	

6.3

MEAN WIND SPEED

\*

128

17 . 21

11 - 16

7 - 10

SPEED (KNTS)

2.7

2.0

N N N

0

•

2.0

SURFACE WINDS JAN 78

5.0

2.0

6.9

1.3

5.8

2.0

13.3

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10.01

3.3

1.3

8.0.7.7

2.0

WSW WWW

SSW SSW

NW VARBL

CALM

2.7

•

- 2 - 3 -

(

1.3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

WEATHER CLASS

SAN NICOLAS, CALIFORNIA STATION MANE

93116

0

0

0

0

73-77

YEARS

S THOM

NOURS (L.S.T.)

COMBITION

TOTAL NUMBER OF OBSERVATIONS

150

9.2

100.0

1.

11.3

20.7

29.3

27.3

6.0

0.4

0

0

0

DIRNAVOCEANMET SMOS

MEAN WIND SPEED

### 5702 SURFACE WINDS JAN

8.0 2.0

0

SURFACE WINDS

050

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116 states

YEARS

13 HOURS (L.S.T.)

ALL WEATHER

COMBITION			

4.0     7.10     11.16     17.21     22.27     28.33     34.40     41.47     48.45     ≥56       2.0     2.7																				
1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55  2.0 2.0 2.0  2.0 2.0  2.0 2.0  3.1 2.3 3.4  3.4 2.7  3.4 3.4  3.	*	7.4	4.0	0.4	2.7	2.0	2.0		1.3	2.7	2.0	2.0	2.0	0.0	14.1	34.2	12.8			100.0
1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47  1.3 3.4 2.7 7.10 11.16 17.21 22.27 28.33 34.40 41.47  1.3 1.3 2.7 7.7 7.1 3.3 7.7 7.4 3.4 3.4 7.4 7.4 3.4 7.4 7.4 3.4 7.4 3.4 7.4 7.4 3.4 7.4 7.4 3.4 7.4 7.4 3.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7	% AI																		X	
1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40  2.0 2.0 2.0 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	48 - 55																		X	
1.3 4.6 7.10 11.16 17.21 22.27 28.33 1.3 3.4 2.7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .	4 - 47																		X	
1.3 4.6 7.10 11.16 17.21 22.27 2.0 2.0 2.7 2.0 2.0 7.7 1.3 1.3 .7	34 - 46																		X	
1.3 4.6 7.10 11.16 17.21 22 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	28 - 33																		$\bigvee$	
1.3 4.6 7.10 11.16 17. 2.0 2.0 2.7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .	22 - 27															3.4			X	3.4
1.3 4.6 7.10 2.0 2.0 2.0 2.0 2.0 2.0 1.3 1.3 1.3 1.3 7.7 7.1 1.3 7.7 7.7 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	17 - 21														1.3	7.4			$\bigvee$	8.7
7 4.6 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	11 . 36									.7					6.7	17.4	8.1		X	33.6
: C. S. C. L.	7 - 10	2.7		.7						.1	1.3	1,3	1,3	4.0	5.4	4.7	4.0		X	26.8
-	:	3.4	2.0	2.7	1,3	1.3	1.3			1.3				2.0		.7			X	18.8
SPEED IN NIE IN		1.3	2.0		1.3											.7			X	8.1
	SPEED (KNTS) DIR.	z	N.	¥	Z	-	ESE	*	SSE	s	SSW	SW	MSM	*	WWW	NW	NNN	VARBL	CALM	

12.0

0

0

0

149

TOTAL NUMBER OF OBSERVATIONS

10.6

1.8

WIND SPEED

3.5

1.8

5.0 7.8 9.8

7.9

13.5

• 4.5

13.5 6.

9.9

1.8 2.7 3.6 9.0

2.7

1.8

NN.

VARBL CALM

1.8

2.7

SSW WSW

| |

WWW

2.7

.

SSE SSE

0

6.

6.

z z z z

0

0

17.1

0

# SURFACE WINDS

OE

0

0

16 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

YEARS

ALL WEATHER

17 - 21

11 . 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

TOTAL NUMBER OF OBSERVATIONS

111

11.6

100.0

3.4

16.2

30.6

27.0

15.3

3.4

0

9

0

DIRNAVOCEANMET

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0

ALL WEATHER

ALL HOURS (L.S.T.)

NON THE

MEAN WIND SPEED	5.3	4.0	5.1	1.4	4.4	4.9		0.9	6.1	6.2	7.2	8.0	7.0	11.6	13.8	0.6			0
*	4.6	3.4	1.4	1.8	3.0	1.4	4.	1.6	3.4	2.0	1.8	1.8	5.5	14.7	38.4	1001		4.8	0 000
N 98																		$\bigvee$	
85 - 55																		X	
41.0																		$\bigvee$	
3 6																		$\bigvee$	
28 - 33															.2			X	•
n · n														.2	2.5			X	
17 - 21														1.4	9.2	.2		X	
11 . 16								.2	4.		.2	4.	4.	6.7	16.2	2.8		X	23.0
7 - 10	1.6	.2	.2	.2	.2	.2	.2	4.	6.	6.	1.1		2.1	3.9	7.1	4.3		X	0 70
:	2.0	1.8	1.1	6.	2.0	1.1	.2		1.8	6.	*.	.1	2.8	2.1	2.8	1.4		X	7 00
::	1.1	1.4	.2	.7	6.	2.		4.	4.	.2	.2		.2	**	4.	1.4		X	9
SPEED (KNTS) DIR.	z	Z	72			ESE	35	SSE	8	SSW	SW	WSW	*	WWW	×	NNN	VARBL	CALM	

010

0

0

0

563

TOTAL NUMBER OF OBSERVATIONS

0

1.9

3.9

MEAN WIND SPEED

\*

28 - 33

22 - 27

17 - 21

11 - 16

7.10

4.6

1.3

SPEED (KNTS)

20070000

2.6

### WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER

SAN NICOLAS, CALIFORNIA

93116

0

0

0

0

YEARS

07 NOURS (L.S.T.) 3

128 48 - 55 41 - 47 34 - 46

TOTAL NUMBER OF OBSERVATIONS

0

154

0

0

0

4.6

7.2

100.0

3.9

16.9

31.2

20.8

17.5

0

5.0

3.2

9.6

26.5

3.2

4.8

13.6

1.3

1.90

WNW N N

VARBL CALM

>

0

9

1.3

1.3

6.1

SSW WSW WSW

.

1.3

- 2 2 2

4.0

9.

5.1

1.3

SOMS DIRNAVOCEANMET

### SURFACE WINDS

050

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0.

0

YEARS

ALL WEATHER

10 HOURS (L.S.T.)

CONDITION

MEAN WIND SPEED	5.	*	3.	5.	4.	**	3.	. 9	8.	7.	5.	*	7.	10.	10.	9.			8.
*	7.7	4.5	3.2	4.3	5.2	1.9	9.	1.3	1.3	3.2	1.3	9.	1.9	11.6	€.0€	18.1		2.6	100.0
% %																		$\bigvee$	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 - 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27															9.			X	9.
17 . 21														1.3	1.3			X	2.6
ş. :										9.				5.2	11.6	5.5		X	22.6
7.10	9.	9.		1.3	9.			9.	1.3	1.3	10.1		1.3	2.6	7	0.6		X	31.6
;	7.1	2.6	1.9	1.9		1.3		9.		9.	1.3	9.	9.	1.3		3.9		X	30.3
::		1.3	1.3	1.3	1.9	9.	9.			9.				1.3	0.			X	9.7
	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		-

CALE

24 8 - 4 WO 0 2 1 6 0 0 W 8 1 N

TOTAL NUMBER OF OBSERVATIONS

0 0

155

0

DIRNAVOCEANMET SMOS

### SURFACE WINDS

E 0

13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77 ALL WEATHER SAN NICOLAS, CALIFORNIA

93116 Fration

0

0

0

0

0

0

MEAN WIND SPEED	6.8	5.3	4.5	4.5	5.8		0.9	6.7	8.2	7.0	5.4	10.0	8.0	12.6	12.1	8.2			9.5
*	7.1	3.9	1.3	1.3	3.2		9.	1.9	3.2	3.2	3.2	9.	2.6	10.3	36.8	20.0		9.	100.0
8																		X	
8 . 55																		X	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		X	
22 - 27															1.3			X	1.3
17 - 21														1.9	1.9			X	3.9
. I.														4.5	18.7	5.5		X	28.4
7 - 10	3.9	9.			1.3			9.	2.6	1.9	9.	0.	1.9	3.9	12.3	0.6		X	39.4
:	3.2	3.2	9.	1.3	1.9		9.	1.3	9.	1.3	1.9		••		1.9	4.5		X	23.2
:			9.								9.				9.	1.3		X	3.2
SPEED (KNTS) DIR.	z	W X	¥	ENE	•	55	3	32		SSW	SW	WSW	*	WHW	¥	Mew	VARBL	CALM	

1111

DIRNAVOCEANMET SMOS

0

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

WEATHER CLASS

NOURS (L.S.T.)

0

SPEED ENTS)	6:-	:	7 - 10	1.16	17 . 21	12 - 21	28 - 33	34 - 40	41 . 47	8 - 55	% AI	*	MEAN WIND SPEED
z	1.0	3.1	4.1									8.2	5.9
Z	1.0	2.1										3.1	6.3
¥		2.1										2.1	5.5
E													
•	2.1											1.5	2.5
ESE		1.0										1.0	5.0
*													
SSE		1.0										0.1	4.0
			1.0									1.0	8.0
SSW													
NS.													
WSW		3.1	4.1									7.2	7.0
*		1.0	3.1	1:0								2.8	8.2
WWW	1.0		3.1	15.5	7.2							8.92	14.5
¥		1.0	8.2	15.5	7.2							32.0	13.5
NNN	1.0	4.1	4.1	1.0								10.3	7.5
VARBL													
CALM	X	$\bigvee$	$\bigvee$	X	$\bigvee$	0.							
	6.2	18.6	27.8	33.0	14.4							100.0	10.9

0

10

### WINDS SURFACE

0

010

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

0

WEATHER CLASS

MAURE (L.S.T.)

3.9 MEAN WIND SPEED 3.4 3.0

12

. 55 4

. 47 7

34 - 40

28 - 33

22 - 27

- 2 2

11 - 16

7 . 10

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11.6 2.0 2.7 14.1

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3.6

8.7

100.0

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7.7

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WSW WSW

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SSW

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NW NW

VARBL CALM

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1.2

25 22 23 25 25 25

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4.0

1.0

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100

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

OF

3.0

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3.0

0.

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0

SURFACE WINDS

010

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER 23

YEARS

HOURS (L.S.T.)

AUG

CONDITION

28 - 33

22 - 27

17 - 21

11 - 16

7 . 10

9.7

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SPEED (KNTS) DIR.

MEAN WIND SPEED

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100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93116 STATION

SAN NICOLAS, CALIFORNIA

0

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0

0

100.0

SW WSW

8

0

NW NAW

WWW

CALM

100.0

NAVAL WEATHER SERVICE DETACHMENT "SHEVILLE N C F/6 4/2 SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), SAN NIC--ETC(U) AD-A060 999 **JUL 78** UNCLASSIFIED NL 2 of 4 AD AD80999

### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

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DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS ALL WEATHER 73 SAN NICOLAS, CALIFORNIA

CONDITION

HOURS (L.S.T.)

AUG

SPEED 1 · 3 BIR.	z	NN	Ne e		ESE	*	38	8	SSW	SW	WSW	*	www	N.	NNW	VARBL	CALM	
4:0																	X	
7.10																	X	
11 - 16																	X	
12 . 21																	X	
n - n																	X	
28 - 33																	$\bigvee$	
34 - 40																	$\bigvee$	
41 - 47																	$\bigvee$	
48 - 55																	$\bigvee$	
≥ 56																	$\bigvee$	
×																	100.0	0 001
WEAN WIND SPEED																		•

DIRNAVOCEANMET SMOS

1

MEAN WIND SPEED

17 - 21

11 . 16

7.10

4.6

1.3

SPEED (KNTS) DIR.

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

WINDS

SURFACE

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

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0

YEARS

ALL WEATHER

07 HOURS (L.S.T.)

AUG

1.3 10.3 29.0 31.0 1.9 1.3 2.6 1.9 \* 128 . 55 4 . 47 7 34 . 40 28 - 33 • 22 - 27 1.3

TOTAL NUMBER OF OBSERVATIONS

155

8.0

100.0

9

5.8

27.1

24.5

20.6

0.6

9.0

9.

9.

SSW

WSW WSW

1.3

16.1

3.2 9.7 6.5

3.9

2.6

WWW

NW NWW

CALM

12.3

DIRNAVOCEANMET SMOS

NOURS (L.S.T.)

AUG

SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

MEAN WIND SPEED	5.5	3.2	4.5	-	6.3	7.0	5.7	5.8	7.0	•	6.9	5.3		11.7	13.2	4.9			8.0
*	7.1	3.9	2.6	3.2	1.9	1.9	1.9	2.6	1.9	1.3	1.3	6.1	5.8	4.6	35.5	13.5		3.9	100.0
% AI																		X	
48 - 55																		X	
41 - 47																		X	
34 - 40																		$\bigvee$	
28 - 33																		X	
22 - 27															1.3			$\bigvee$	1.2
17 - 21														2.6	6.9			X	0.0
9						9.						9.	1.3	2.6	18.1	9.		X	23.9
7 - 10	1.9			9.	0.		1.3	1.3	1.3		9.		1.3	2.6	6.5	8.4		X	26.5
:	4.5	1.9	1.9	1.9		1.3			9.	1.3			1.9	1.9	3.2	3.9		X	24.5
<u>:-</u>	9.	1.9	9.	9.	1.3		9.	1.3			9.	1.3	1.3			9.		X	11.0
SPEED (KNTS) DIR.	z	NNE	N.			ESE	35	SSE	s	SSW	SW	WSW	*	WWW	NN	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

## SURFACE WINDS

OHO

0

13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

0

0

0

0

0

0

73-77 ALL WEATHER CONDITION SAN NICOLAS, CALIFORNIA

MEAN WIND SPEED	5.0	5.5	4.7	0.9	0.9	3.0	5.0	6.7	7.8	0.6	7.4	6.9	8.3	12.5	14.1	9.5			10.4
*	3.9	2.6	1.9	1.3	1.9	9.	9.	1.9	2.6	3.2	5.2	3.9	1.9	4.6	35.5	21.9		1.3	100.0
<b>9</b>																		X	
<b>4</b> . 8																		X	
41.47																		X	
34 - 46																		X	
28 - 33																		X	
z · z															1.9			X	1.0
17 · 21														1.9	8.4			X	10.3
5											1.3			5.2	18.1	7.7		X	32.3
7 . 10	9.	9.		9.	9.			1.3	1.9	2.6	1.9	1.3	1.3	1.3	5.2	8.4		X	27.7
:	2.6	1.3	1.9	9.	1.3		9.		•	•	1.3	5.6	9.	1.3	1.3	5.2		X	21.9
?:	9.	9.				9.		9.			0.				9.	9.		X	4.5
SKNTS) DR.	z	Z	7	Z	•	ESE	*	388	•	SSW	*S	WSW	*	WWW	MM	NNN	VARBL	CALM	

0 0

0

0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

6.0 MEAN WIND SPEED

SURFACE WINDS

OFO

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

0

AUG

16 HOURS (L.S.T.)

ALL WEATHER

2>0																			
*	1.0				3.0	1.0	1.0	1.0	2.0	2.0	4.0	5.0	0.4	26.7	38.6	6.6		1.0	0.001
98 1																		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33	(0)																	$\bigvee$	
2.2														1.0	1.0			$\bigvee$	•
17 - 21														6.8	8.9	1.0		$\bigvee$	0.01
11 - 16							1.0						2.0	12.9	20.8			$\bigvee$	7 76
7 . 10					1.0	1.0			1.0		1.0	3.0	1.0	3.0	5.9	5.0		X	91,6
:	1.0				1:0			1:0		2.0	3.0	1:0	1.0	1.0	1.0	0.4		X	9 3.
1.3					1:0				1.0			1.0			1:0			X	
NTS DE	z	Z	7	N.		ise	35	35	8	AS:	AS.	ASA	*	3	¥	M	188	ALM	

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TOTAL NUMBER OF OBSERVATIONS

101

11.8

0

3.2

WIND SPEED

SE SE

- 3 3 -

0

1.6

1.4

1.8

0

1.8

6.4

3.0

0

### 568

TOTAL NUMBER OF OBSERVATIONS

100.0

29.5

NW NNW VARBL

CALM

38 × ×

5.1

VI Sk																	
<b>48</b> · 55																	
41.4																	
34 - 46																	
28 - 33																	
n . n														.2	1.2		
17.21														3.2	5.9	. 2	
3 · E						.2	2.				*.	*.	6.	7.0	18.0	2.3	
7.10		.2	.2	**	.5	4.	4.	••	1.2		1.2	6.	1.8	4.2	0.9	0.9	
:	2.1	6.	1.1	6.	••	. 5	4.	.5	10.	٥.	6.	1.1	1.9	3.2	1.9	3.7	
:	*.	6.	.2	*.	.5	4.	.2	5.	5.	.2	.5		1.1	2.		*.	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

SAN NICOLAS, CALIFORNIA

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ALL WEATHER

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AUG

SURFACE WINDS

DIRNAVOCEANMET SMOS

t E

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9 40

SAN NICOLAS, CALIFORNIA

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ALL WEATHER

73-77

NOURS (L.S.T.)

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5	
<b>8</b> 4	
41 - 47	
34 - 40	
28 . 33	

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0

MEAN WIND SPEED	0.9	0.9	3.0		4.8	7.0		3.6	4.8	4.3	0.9	3.0	5.0	8.6	0.6	6.1			6.3
×	1.3				2.7	1.3		3.4	2.7	2.0	2.0	3.4	4.0	25.5	25.5	5.4		14.1	100.0
95 Al																		X	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	+
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21														1.3				X	2.0
51.1						.,					.,			6.7	6.7	.7		X	15.4
7.10	.,							1.3					2.0	9.4	10.7	2.0		X	26.2
:	1.				2.0			1.3	2.0	1.3		1.3	5.4	4.0	4.7	.7		$\bigvee$	24.8
e:-			.7		4.			1.	1.			2.0	2.0	0.4	2.7	2.0		X	17.4
SPEED (KNTS) DIR.	z	Z	¥	E E	-	253	*	38		SSW	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

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0

WIND SPEED

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

- 3

SPEED (KNTS) DIR.

Z Z Z Z

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

SAN NICOLAS, CALIFORNIA

93116

YEARS

10 HOURS (L.S.T.) SEP

010

SURFACE WINDS

4.0 2.0 12.7 35.3 8.0 3.3 2.0 12 48 - 55

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1.3

2.0

- 33 33 5

1.3 1.3

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SSW NSW

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150

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100.0

4.7

2.7

15.3

12.0

3.3

NW NWW VARBL

0

4.0

21.3

30.7

31.3

8.0

CALM

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2.7

MEAN WIND SPEED

128

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

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14.0 14.0

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12.0

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NW VARBL

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28.0

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

ALL MEATHER

YEARS

CONDITION

13 HOURS (L.S.T.) SEP

TOTAL NUMBER OF OBSERVATIONS

150

8.9

100.0

0.4

DIRNAVOCEANMET SMOS

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SSW

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WWW

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CALM

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108

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77 ALL WEATHER

NOURS (L.S.T.) SEP

CONDITION

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NOURS (L.S.T.)

SEP

YEARS

ALL WEATHER

CONDITION

13

SAN NICOLAS, CALIFORNIA

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

0

0

SPEED (KNTS) DIR.	z	N N	¥	and a	ESE	35	SSE	s	SSW	SW	WSW	*	WNW	WN	NNN	VARBL	CALM	
1.3																	X	
9.7																	$\bigvee$	
01 - 2																	$\bigvee$	
91 - 11													100.0				$\bigvee$	100.0
17 - 21																	$\bigvee$	
12 - 22																	$\bigvee$	
28 - 33																	$\bigvee$	
34 - 40															,		$\bigvee$	
41 - 47																	X	
48 - 55																	X	
95 \																	$\bigvee$	
×													100.0				0.	100.0
MEAN WIND SPEED													11.0					11.0

200

22 HOURS (L.S.T.)

SEP

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL MEATHER 13 SAN NICOLAS, CALIFORNIA

93116 STATION

0

0

CONDITION

SPEED 1.3 4.6 7.10 11.16 17.21 22.27 21 DIR.	z	NNE	¥ ×	ENE .		383	**	33	8	ASS MSS	NS MS	MSW MSW	WNW 100.0	*	VARBL	CALM	
28 - 33 34 - 40																X	
41 - 47 48 - 55			,														
95 YI					/												
×													100.0			0.	
MEAN WIND SPEED													10.0				7 17

9680

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

5.7

7.8

5.4

8.2

10.6

6.3

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

SAN NICOLAS, CALIFORNIA

93116

ALL WEATHER

ALL HOURS (L.S.T.) MONTH

SEP

E

SURFACE WINDS

1.3

SPEED (KNTS) DIR.

0

0

X X X 2 2 2 3 5 5 5

1.8 3.8 1.4 3.2 1.6 3.8 19.3 31.5 4.9 100.0 \* 128 48 - 55 41 . 47 34 - 40 28 . 33 .2 22 . 27 2.0 . 4.5 17 . 21 12.9 \*\* 23.6 3 3 1. .2 4. 11 . 16 1.0 2.1 2.1 2.1 2.1 2.1 3.8 30.4 7 - 10 25.4 1:06. 3.8 4.6

TOTAL NUMBER OF OBSERVATIONS

9.8

CALM

VARBL

NW NW

WSW W

SSW

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL MEATHER 73 SAN NICOLAS, CALIFORNIA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

04 HOURS (L.S.T.)

SPEED 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 DIR.		***************************************	***************************************	***************************************	***	8	NSV MS	SW WS	WOW.	100.0	DAV	VARK	CAUM	
0 41 - 47 48 - 55														
29 AI										100.0			0.	
MEAN WIND SPEED										13.0				

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

. 55 4

41 . 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

..

SENTS SE

2.0

0

0

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2.0

Z Z Z Z - Z - Z - Z -

SURFACE WINDS JAN 78

3.0

## SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

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0

0

ALL WEATHER

NOURS (L.S.T.) OCT

0

22.0 .. 3.3 2

3.2

6.3

3.0

7.8

1.3

5.2

NW NW VARBL

0

9.8

.

- 600 - 226

WSW WSW

35%

2.02

5.3

100.0

2.6

9.6

17.6

30.7

20.3

0

CALM

19.0

0

153

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

SURFACE WINDS JAN 78

SURFACE WINDS

20

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

The second secon

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

SAN NICOLAS, CALIFORNIA STATION MARE

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0

COMBITION

NOURS (L.S.T.)

POCT HONTH

27 28 33 34 40 41 47 48 55 256 % WIND SPEED	10.3 5.1	1.9 4.0	4.5 3.6		3.9 6.5	1.3 5.0	0.01 6.	0.4	9	3.9 5.8	1.9 7.3	0.6 6.	3.9 10.0	9.0 11.6	25.2 11.1	20.6 7.5		3.2	
17 . 21   22 . 27														9.	5.2	0.		X	
1 · · · · · · · · · · · · · · · · · · ·	9.				9.								1.9	4.5	6.5	1.3		X	
7 . 10	1.9			9.	9.	9.	9.		1.9	1,3	1.3		9.	3.9	11	0.6		$\bigvee$	
••	4.5	1.3	1.9	2.6	2.6			9.	1.9	1.9	9'		1.3		1.9	8.4		$\bigvee$	
::	3.2	9.	2.6	1.3		9.				9.		9.				1.3		$\bigvee$	
SPEED (KNTS) DIR.	z	Z	Z	Z	1	ESE	*	386	s	SSW	SW	WSW	*	WWW	NW	NNN	VARBL	CALM	

=

155

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

0 0

0

13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9 40

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0

0

0

ALL WEATHER

MEAN WIND SPEED	5.8	4.2	6.3	4.3	4.5	0.9	7.0	3.0	6.3	7.4	7.3	1.1	7.0	12.0	12.5	4.8			8.8
*	0.6	3.2	3.9	3.9	3.9	9.	9.	9.	2.6	3.2	5.6	4.5	1.9	7.7	31.0	18.7		1.9	100.0
<b>%</b>																		X	
48 . 55																		$\bigvee$	
41.4														4				$\bigvee$	
34.45						•												$\bigvee$	
28 - 33																		$\bigvee$	
2.2															1.9			$\bigvee$	1.9
17.21														1.9		9.		X	3.9
2 :										9.		9.		5.6	17.4	1.9		X	23.2
7.10	3.2		1.9				0.		9.	9.	1.9	2.6	1.3	3.2	7.7	12.9		X	36.8
;	5.2	2.6	1.3	3.2	3.2	9.			1.9	1.9	9.	9.	0.		1.9	1.3		X	25.2
1.3	0.	0.	0.	•	9.	1		9.				9.			9.	1.9		X	7.2
SPEED (KNTS) DIR.	z	N.X.	ž	2	-	252	**	38	•	ASS	NS.	WSW	*	WWW	×	NN.	VARBL	CALM	

0

155

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

0

DCT TOUR

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	FROM HOURLY OBSERVATIONS)
PERCENT/	₫	(FROM

73-77

SAN NICOLAS, CALIFORNIA

16 HOURS (L.S.T.)			WIND
NON			*
			*
1	1		7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥56
			41.0
			34 . 46
			28 - 33
ATHER	TION		2.2
ALL WEATHER	CONDITION		17 - 21
			11 . 16
			7 . 10
			•:
1	1		:
		-	

0

0

MEAN WIND SPEED	5.0	4.5	5.0	3.5	5.0		0.9		2.0	4.5	7.5	5.0	8.5	11.1	11.6	6.9			9.1
×	5.5	1.6	8.	1.6	8.				8.	1.6	3.1	1.6	7.9	22.0	35.4	13.4		3.1	100.0
& Al																		$\bigvee$	
4 . 55																		X	
9.1																		$\bigvee$	
3 . 5																		$\bigvee$	
28 - 33																-		X	
n · n															. 8			$\bigvee$	.8
17.21					,										4.7			X	5.5
2 2													1.6	13.4	11.8	2.4		X	29.1
7.10	1.6	30									2.4		4.7	5.5	15.0	5.5		X	36.2
:	3.1		8				∞.			1.6	8.		1.6	2.4	3.1	3.9		X	19.7
:	8	8.		8.					80.			00				1.6		X	5.5
SPEED (KNTS) DIR.	z	Z	Z	Z	-	ESE	*	3	•	SSW	×s.	WSW	*	WWW	ž	NAM	VARBL	CALM	

0

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

## SURFACE WINDS

0

SURFACE W				
WIND (SNC)		YEARS		
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73		ALL WEATHER	CLASS
PERCENT, DII	CALIFORNIA	STATION NAME		
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC	SAN NICOLAS, CALIFORNIA			
N N	•			

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SYEED (KNTS) DIR.	z	¥	¥	34		<b>ESE</b>	35	32	s	SSW	SW	WSW	*	WWW	N	NNN	VARBL	CALM	
::									,									X	
•														33.3				$\bigvee$	
7 - 10														33.3				X	
1 . 16													33.3					$\bigvee$	
17 - 21																		$\bigvee$	
22 - 27																		$\bigvee$	
28 - 33																		$\bigvee$	
34 - 40																		$\bigvee$	
41 . 47																		$\bigvee$	
48 · 55																		$\bigvee$	
95 Al																		$\bigvee$	
×					5								33.3	66.7				0.	
MEAN WIND SPEED													_	0.9					

0 0

TOTAL NUMBER OF OBSERVATIONS

2

5.3 4.8

MEAN WIND SPEED

.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

0

0

ALL WEATHER

73-77

ALL HOURS (L.S.T.)

					Serie!						1 3						
×	6.2	1.9	3.2	2.7	2.2	1.0	1.3	.8	2.5	2.7	2.9	2.4	6.9	16.2	56.6	13.6	6.9
% Al																	X
48 - 55																	X
41 - 47																	X
34 - 40																	X
28 - 33																	X
<i>u</i> · <i>u</i>															4.		X
17 - 21														1.2	3.0	.3	X
11 . 16	.2				.2					.2	.2	.2	1.0	5.7	10.1	1.5	X
7 - 10	1.7	.2	83.	.2	.2	.2				s.	1.3		1.9	5.7	6.6	6.9	X
•••	3.2	1:0	1.5	1.7	1.7	.2		£.	1.3	1.9	1.0		2.7	3.0	2.5	3.5	X
	1.2		1.2		.2		e.	s.	.5	.2		0:	1.3		. 3	1.3	V

0

SPEED (KNTS)

(1)

0

SSW

WSW W

NA WAR

VARBL CALM

4.3 4.9 4.9 5.3 5.9

9.4

9.9

TOTAL NUMBER OF OBSERVATIONS

394

7.7

100.0

19.2

31.0

26.6

0

1

DIRNAVOCEANMET SMOS

2.5

MEAN WIND SPEED

SURFACE WINDS JAN 78

### WINDS SURFACE

0 0

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

10

SAN NICOLAS, CALIFORNIA

93116

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73-77

YEARS

HOURS (L.S.T.)

YOU THON

ALL WEATHER

COMBITION

22 - 27

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

2 6 6 6 7 5.8 14.0 18.2 21.5 2.5 12.4 1.7 100.0 128 48 - 55 . 47 7 34 - 40 28 - 33

0

11126910

0

121

TOTAL NUMBER OF OBSERVATIONS

80

4.1

14.0

27.3

17.4

24.0

3

4:1

5.8

5.0

6.6

2.5

WSW WWW

0

0

NW NAW VARBL

CALM

0000

22 22

0

1:3

N N N

0

\*

30

SSW

8

0

6.6

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DIRNAVOCEANMET SMOS

MEAN WIND SPEED

6.4 5.4 4.5 6.3

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA STATION MARE

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ALL WEATHER

NON

NOURS (L.S.T.)

*	1.9	3.3	4.7	5.3	5.3	1.3	2.7		2.0	1.3	1.3	7.3	11.3	28.7	13.3		4.0	100.0
38 Al																	X	
48 - 55																	X	
4.14																	X	
34 . 46																	$\bigvee$	
28 - 33																	$\bigvee$	
n - n													.7	2.0			X	3.3
17 - 21													1.3	2.7	1.3		X	50.00
. I.	1.	.7										3.3	0.9	12.0	3.3		X	27.3
7 . 10	1.	.7	1.3	1.3	1.3		.7		.7	1.3	1.3	3.3	2.7	7.3	2.7		X	26.7
:	4.7	1.3	2.0	2.7	3.3		.,		 1.3				.7	2.7	5.3		X	26.0
:	6.		1.3	1.3										2.0			$\langle \rangle$	7.3
884	z	Z		¥		*		*	AS.	*	AS.		*	*	*	RBL	W	

12.5

TOTAL NUMBER OF OBSERVATIONS

150

9.1

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0

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

0

1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

SAN NICOLAS, CALIFORNIA

93116

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0

13 HOURS (L.S.T.)

NON

KNTS) DIR.	::	• ;	7 . 10	91 - 11	17 - 21	2.2	28 - 33	34 - 46	41.40	48 - 55	% %	*	WIND
z		3,3	1.3									6.0	6.8
Z	1.3	2.	.7									0.4	4.8
Z		*		.,								5.3	5.9
FE		.,	2.0									3.3	9.9
3		4.7										5.3	6.4
ESE	.7											2.0	4.7
*		1.3										2.0	5.7
SSE													5.0
•		2.0										2.7	5.5
SSW				1.3								1.3	13.0
SW			.,									1.3	11.0
WSW			1.3									1.3	7.0
*			2.0	1.3								0.4	10.3
WWW	1.3	.1	3.3	7.3	1.3							14.0	11.6
¥		4.7	2.7	12.7	0.30	1.3						29.3	13.8
NNW	2.7	2.7	2.0		1.3							15.3	9.8
VARBL													
CALM	$\bigvee$	X	$\bigvee$	2.0									
	8.0	27.3	18.7	31.3	11.3	1.3						100.0	9.6

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

.

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

16 NON 73-77 ALL WEATHER SAN NICOLAS, CALIFORNIA

0

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0

0

(KNTS) DIR.	1.3	44	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55		85 YI	% %
z	L.			7.							No.		1.4
Z			.7										2.1
¥	L.	.,											1.4
ESE													
*			1.4										2.1
388	<b>.</b> .												1.4
•			.,										2.1
SSW		2.8	.,	1.4									5.0
SW	<b>L</b> .												1.4
WSW		.7	.7										2.1
*	1.4	2.1	4.3	2.1									6.6
WWW	2.8		3.50	6.6	2.8	1.4							25.5
×		2.0		12.1	7.8	1.4							34.0
NNN	1.4		1.4	2.1	2.1								7.8
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\wedge$	$\bigvee$	2.1
3.70	6.6	22.0	21.3	29.1	12.8	2.8							100.0

141

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

010

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93116

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ALL WEATHER SAN NICOLAS, CALIFORNIA

19 HOURS (L.S.T.)

NON

SPEED (KNTS) DIR.	•:-	*;	7 - 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 40	4.0	48 - 55	% AI	*	MEAN WIND SPEED
z													
NNE													
Z													
•													
ESE													
*			5.3									5.3	10.0
SSE													
s													
SSW													
SW													
WSW		5.3										5.3	4.0
>												15.8	8.0
WWW		5.3	26.3	5.3	5.3							42.1	6.6
×			5.3	21.1	5.3							31.6	14.5
NNN								2					
VARBL													
CALM	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	0.	
		10.5	82.6	26.3	10.8							100.0	10.7

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 WEATHER CLASS ALL

SAN NICOLAS, CALIFORNIA STATION MARE

93116

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YEARS

ALL HOURS (L.S.T.) NON

CONDITION

8.0 10.6 12.8 44.400244 0.6 MEAN WIND SPEED 3 2 2 8 2.6 8.8 1.2 2.6 1.2 28.7 4.6 100.0 128 . 55 4 41 - 47 34 - 40 28 - 33 24.5 2.1 22 - 27 9.6 5.7 17 - 21 10.8 26.0 1.7 .2 .2 11 . 16 J. 10. 10. 24.3 N 0 M 0.4 7 - 10 1.0 1.2 2.6 23.1 1.9 11.4 1.3 NW NAW SPEED (KNTS) DIR. \* WW CALM WSW 2 2 2 SSW NS. s

**=** 

TOTAL NUMBER OF OBSERVATIONS

0410

581

SMOS DIRNAVOCEANMET

0 5702 SURFACE WINDS JAN 78

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- 32 22 S

## SURFACE WINDS

010

NOURS (L.S.T.)

DEC

NIN N		ONS)
Ö	EED	<b>OBSERVATIONS</b> )
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NEN	AND SPEED	OBS
G		>
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ERCENTAGE FREQUENCY	DIRECTION	HOURLY
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E		FROM
E		5

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

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0

0

ALL WEATHER

CONDITION

328	8.8	3.0	15.0	3.5	6.5	0.4	0.3	6.3	8.3	4.5	1.	0.0	0.4	9.2	11.0	12.8		1.0
MEAN WIND SPEED							-											
*	3.8	. 8	. 8	4.6	3.1	8.	2.3	3.1	3.1	3.1	4.6	3.1	13.0	16.8	12.2	7.6	17.6	100.0
% AI																	X	
48 - 55																	X	
41 - 47																	$\bigvee$	
34 - 40																	$\bigvee$	
28 - 33																	$\bigvee$	
22 - 27																	$\bigvee$	
17 - 21															9.	2.3	$\bigvee$	3.6
= 5	1.5			8.			1.5		.8					8.4	5.3	3.1	$\bigvee$	23.7
7 - 10	1.5									8.	00	8.	2.3	1.5	3.1	8.	X	12.2
•:•				2.3	1.5	8.	.8	1.5	00.	1.5	2.3	8.	7.6	4.6	3.1	1.5	X	29.0
· . 3	30	80.		æ.	8.				20	00	1.5	1.5	3.1	2.3			X	13.7
							-											

NWW NWW VARBL CALM

DIRNAVOCEANMET SMOS

0

131

TOTAL NUMBER OF OBSERVATIONS

E 0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILL, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

SAN NICOLAS, CALIFORNIA

93116

73-77

10

DEC

4.6	7.10	9	17.21	2.2	28 - 33	34 - 46	41 - 47	48 - 55	8	*	WIND SPEED
6.1.9	9.	1.3								4.5	1
6 2.6	-	9.	9.							5.8	-
.3	9.									2.6	•
.3 1.3	9.	1.3								4.5	•
6 2.6	1.3									6.5	*
.3 1.3	2.6	••								5.8	7.
1.9										1.9	*
1.3	9.	9.								2.6	80
1.9	1.3	1.3								4.5	80
											1
.0	1.7	0.								4.3	-
		9.								9.	12
.6 2.6	3.2		9.							7.1	-
2.6	4.5		1.3							11.0	10
.6 3.2	5.2	0.6	1.9	9.						20.6	=
.6 1.3	1.9		1.3	9.						10.3	6
$\langle \rangle$	$\bigvee$	X	$\bigvee$	7.1							
2.3 26.5	\$ 25.8	21.3	5.8	1.3						100.0	8

NAW NAW VARBI

TOTAL NUMBER OF OBSERVATIONS

155

-0 -0 -0

DIRNAVOCEANMET SMOS

MEAN WIND SPEED

28 . 33

22 - 27

17 - 21

11 - 16

7 . 10

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1.3

3.6

13 HOURS (L.S.T.)

DEC

DIRECTION AND SPEED

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WINDS

SURFACE

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS

73-77

SAN NICOLAS, CALIFORNIA

0

0

ALL WEATHER

CONDITION

2.6 2.6 3.2 5.8 4.5 100.0 \* 128 4 41 - 47 34 - 40

8.5 9.5 9.5 11.0 12.7

TOTAL NUMBER OF OBSERVATIONS

2.6

10.3

18.1

26.5

26.5

14.2

=

155

8.8

12.1

•

1.3

3.9 1.3

1.9

3.20

3.2

NW VARBL

CALM

1.3

1.9

WSW

WWW X

35 %

1.3

0000

1:3

2 2 2 -

SMOS DIRNAVOCEANMET 6.9

MEAN WIND SPEED

28 - 33

22 - 27

17 . 21

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7.10

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8 9 8

SSW

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11:0 9.5 7.8 6.5

9.0

11.4

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4.6

3.8

1.5

WWW NWW

VARBL

3

4.6 7.6 8.4 2.3

2.3

. 8

10.1

131

8.1

100.0

1.5

9.2

16.8

29.0

22.1

11.5

0

WINDS SURFACE

> PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

E 0

ALL WEATHER

73-77

SAN NICOLAS, CALIFORNIA

93116

0

16

DEC

1.5 7.6 11.5 16.8 21.4 1.5 2.3 6.6 6.1 3.1 10.7 18 48 - 55 41 - 47 34 - 40

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

×

12

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

- 3

0

- 25 25 25 ~

8008

NOURS (L.S.T.)

DEC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

COMBITION

73

SAN NICOLAS, CALIFORNIA

93116

0

0

0

0

5702 SURFACE WINDS JAN 78

= 10.0

6.7

5.0

40.0

6.7

6.1

13.3

6.7

SW SW WWW WWW NINW NINW NINW

6.7

0 5.7

0

0

20.0

100.0

6.7

26.7

40.0

0

CALM

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

MEAN WIND SPEED

\*

128

48 - 55

. 47 7

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

1.3

SEED ENTS DE

0

2.

1.0

7.7

2.9

0.52

3.1

### WINDS SURFACE

OF

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

93116

0

0

0

ALL MEATHER

ALL HOURS (L.S.T.)

-	_	-	-	_	-	_	_	_	 -	_	_	_		
													$\bigvee$	
													$\bigvee$	
													$\bigvee$	
													$\bigvee$	

3.2

10.4

14.3

10.1

.2

1.5

2.7

3.9

2.9

\* WWW

NW NWW

CALM

1.4

SS 35% MSM

2.0

- 2 3 3 -

1.4

7.3

19.4

23.7

26.4

12.8

0.6

TOTAL NUMBER OF OBSERVATIONS

587

7.9

100.0

0

5.5

2.2 2.4

MEAN WIND SPEED

×

128

. 55 4

. 47 7

34 - 40

28 - 33

. 27

22

17 - 21

11 - 16

7 . 10

1.3

SPEED (KNTS) DIR.

000

.1 -

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5702 SURFACE WINDS JAN 78

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

SAN NICOLAS, CALIFORNIA

93116

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ALL WEATHER

CONDITION

ALL HOURS (L.S.T.)

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11.9

6.7

7.2 2.2 2.5

TOTAL NUMBER OF OBSERVATIONS

1969

9.5

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24.6

22.3

9.3

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WSW WSW

SSW

NW NWW

CALM

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DIRNAVOCEANMET

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14

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

SAN NICOLAS, CALIFORNIA

93116

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0

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0

73-77

INSTRUMENT

ALL HOURS (L.S.T.)

20

SURFACE WINDS

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MURE,

SPEED (KNTS) DIR.	:	:	7 - 10	3 16	17 . 21	22 - 27	28 - 33	34 - 40	41.47	48 - 55	% AI	*	MEAN WIND SPEED
+	6.	2.	1.0	1:	1.							6.9	5.5
N.	*	*.	.2									1:1	4.6
Z		1.0		1.								1.8	4.4
EK EK	1.0	8.		.1								2.0	4.0
	1.0	-	9.									2.8	4.6
ESE	3.		*.	.3								1.8	6.1
*	1.		9.		1.							1.6	7.5
388	4.	1.0		.5	•							2.6	7.8
	9.	1.3	1.7									4.4	7.6
SSW	4.	-		.3								2.5	5.5
NS.		1.1		4.								3.0	6.1
WSW	6.	1.	6.	7.	•							3.3	5.9
*	1.2	2.	2.2	1.0								7.1	6.9
WWW	.7	3.0		0.9								17.8	10.3
ž		3.0	8.0	11.4	3.3	4.						26.8	11.7
NNN	9.	3.1	4.4	2.0	.5	1.	• 1					10.8	8.8
VARBL													
CALM	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	6.2	
		0 30	00										

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TOTAL NUMBER OF OBSERVATIONS

1347

DIRNAVOCEANMET SMOS

### PART D

# CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- 1. Annual all years and all hours combined
- By month all years and all hours combined
  - By month by standard 3-hour groups

station was meeting or exceeding any given set of minima may be determined from the figure at the intersection ferring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by re-Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of

U. S. Weather Bureau and Mavy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

0

Read ceiling values independently of visibility under column at right headed > 0.
For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table:
Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

### PART D

## ADDITIONAL EXAMPLES

### EXAMPLE # 4

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility Values below minimums stated in the table may be obtained by subtracting the value given from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0, and/or visibility < 3 miles. in the table from 100%.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile. Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

### PART D

### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

C

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This available, were punched for Air Force stations beginning in 1946, but were not available for summary will, of course, be limited to period of available data. NOTE: # 1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below: NOTE: # 2:

PENTHS	0 H M	4 N/O ®	۰ م
			(or obscured)
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VISIBILITY (STATUTE MILES)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

**CEILING VERSUS VISIBILITY** 

0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

2 NO CEILING VI VI 18000 1 VI VI 9 8 AI AI VI VI 600 V IV 12000 VI VI 000 000 000 000 VIVI 7000 3000 14 IV 1500 1200 CEILING (FEET) 88 88 88 88 80 AI AI AIAI MIM ALAI MAIA MAIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA 93116

0.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.4 HOURS (L.S.T.) JAN

N AI	AI .	S AI	18 2%	AI AI	71	ال ا	- AI	A I	₹ Al	Z A	VI 8/18	VI N	
		*											
	Transition of the second	4					No.	26.0	(Contraction of			THE STATE OF THE S	7

TOTAL NUMBER OF OBSERVATIONS

0

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

HOURS (L S.T.) ZAS MONTH 07

81.6 80.2 81.6 81.6 89.0 89.0 89.0 ٨١ 88.2 89.0 73.5 80.9 80.9 86.0 86.0 10.6 80.2 79.4 79.4 80.9 80.9 83.8 83.8 83.8 86.8 70.6 6.11 ۸۱ 87.5 87.5 88.2 73.5 80.9 88.2 89.0 89.0 86.0 86.0 86.8 80.2 80.9 2 5/16 80.0 88.2 89.0 13.67 80.9 86.0 80.9 80.9 86.8 88.2 75.7 79.4 80.2 75.0 88.2 88.2 73.5 83.8 84.6 84.6 84.6 03.1 86.0 86.0 86.0 84.6 85.3 85.3 86.0 86.8 86.8 86.8 86.8 86.8 73.5 80.2 85.3 87.5 78.7 18.7 78.7 80.2 83.1 91.2 77.2 80.2 80.2 89.0 89.0 89.0 88.2 88.2 75.0 40.0 40.64 87.5 80.2 80.2 38.2 88.2 18.1 85.3 78.7 78.7 69.9 70.6 75.0 87.5 79.4 80.2 77.2 88.2 86.8 87.5 87.5 87.5 88.2 79.4 80.2 85.3 70.6 73.5 78.7 83.1 91.2 78.7 94.1 ۸۱ VISIBILITY (STATUTE MILES) 72.8 74.3 76.5 77.9 79.4 87.5 84.6 86.8 79.4 82.4 4.06 4.06 78.7 79.4 79.4 86.0 86.8 86.8 86.8 86.8 85.8 87.5 77.9 79.4 76.5 81.6 82.4 82.4 85.3 85.3 86.0 86.0 7 7 72.8 84.6 6.69 77.9 79.4 77.9 4.61 76.5 78.7 1.69 77.2 17.9 83.8 18.1 78.7 78.7 41.9 81.6 86.0 86.0 1.69 77.2 77.2 77.2 84.6 86.8 83.8 83.8 78.7 78.7 86.8 83.8 84.6 82.4 82.4 84.6 75.7 76.5 77.2 77.2 75.7 77.2 80.2 83.1 74.3 83.1 83.8 82.4 70.6 76.5 76.5 19.4 81.6 81.6 75.0 75.0 76.5 83.8 82.4 10.6 75.0 75.0 83.8 83.8 86.0 74.3 76.5 75.7 81.6 77.2 84.6 71.3 75.0 70.6 76.5 19.4 81.6 84.6 84.6 76.5 86.0 77.2 85.3 75.7 76.5 83.1 ٨١ 40.0 6.69 66.2 69.1 9.02 77.2 4.50 69.1 61.8 69.1 73.5 75.7 77.2 77.2 77.2 75.7 64.7 NO CEILING VI VI 00081 00081 V 1V 12000 000 000 (FEET) Y 2000 2000 2000 4500 3500 2500 1500 1200 88 80 88 88 88

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0

TOTAL NUMBER OF OBSERVATIONS

136

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JAN MONTH 10 NOUNS (5.5.7.)

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	S)						
(FEET)	2 1	4 Al	8 41	**	e Al	2 2%	2 41	¥1 ¥1	71 71	-	* 41	*	Z AI	≥ 5/16	N AI	0 11
	56.1	63.9	66.5	66.5	66.5	66.3	66.5	67.7	67.7	4000	•.		0.69	0.69		0.69
2 20000		•		2 .	. 2	2	5.	•	:	•	ċ.	1.0	•			
				72.9	•		5	74.2		14.8		100	100	100	•	1001
> 16000			~	72.9	•		5.		;	•	1001	1001	•	76.1	76.1	1001
			74.2	74.2				75.5	3	76.1		1104		•		77.4
12000		72.9	75.5	75.5					;	77.4		78.7	8	78.7	78.7	78.7
1 -				78.7	78.7			0	0	80.7	-:	-	:		-	81.9
8		76.1	78.7	78.7		78.7		80.0	80.0	80.7	61.9	81.9	-	81.9	81.9	81.9
100			6	79.4	6		6	0	0	:	2	82.6			2.	82.6
1 11			81.3	81.3	81.3	81.3	81.3	3	2	83.2				;	84.5	84.5
			-	81.3	-	-	-			3	:				:	84.5
9006			81.3	81.3	81.3	61.3	:		3	83.2	;	84.5	;	;	:	84.5
			81.3	81.3	-	-		2.	2						:	84.5
38	69.0	78.7	-	81.3	81.3	81.3	81.3	82.6	82.6	83.2	84.5	84.5	84.5	84.5	84.5	84.5
			-	81.3	-	1.			2	3	:	. 5			:	84.5
300			81.3	81.3	81.3	81.3		2	82.6	83.2	;	84.5	*		84.5	84.5
1			3.	5	3		3			-			8			88.4
1 A I				85.8	85.8	3		87.1	87.1	87.7		0				89.0
			3		3		5			-	6		6	6	6	89.0
8			87.7	87.7	-	84.7		89.0	6	89.7	:	-	-		91.0	91.0
1				88.4			6	0	0	-	2	2.	2		2.	_
8								91.0	-		2	3	2	2	2	65.6
			6	89.0			6	-:	-	-	3		2.	2.		95.9
8			89.0	89.0	89.7	89.7	89.7	91.0	91.0	-	92.9		6.26	92.9	6.26	95.9
			6			6	6	:	-	-	3	6.26	2.	2	92.9	95.9
8			6	89.7	91.0	91.0	-	92.3	~	92.9	;	;			;	2.46
	76.1	87.1	0	6.06	-	91.6	-	6.26	3	93.6	94.8			94.8		94.8
8	76.1	87.1	0	90.3	91.6	-			2		;	94.8	94.8	*	;	94.8
		87.1	0		3	93.6		8.46	8.96	1.96	4.16	4.16		-		98.1
8	76.1	87.1	90.3	80.3	93.6	93.6	93.6	94.8			4.16	97.4		98.1		
	. 9	87.1	0		93.6	93.6	3.	84.8	8.46	1.96	4.16	4.16	98.1	1.86	-	0.001
١٨١	76.1	87.1		90.3	3.	93.6		94.8	8.96	1.96	97.4	97.4		98.1	4.66	
		+														

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JAN

I.3

CEILING	_						VISII	BILITY (ST.	VISIBILITY (STATUTE MILES)	S						
(FEE)	2	o Al	N N	4	es Al	1 2%	N AI	V 1%	¥1 ¥1	ŽĮ.	* Al	* Al	Z AI	≥ 5/16	% AI	0 11
	56.		2				63.0	63.9	63.9	63.9	63.9	63.9	63.6			63.9
≥ 20000	65.2						4.2	74.2	;		:	:		74.2	:	74.2
	65.2		6.			4.	4.2			•	:			•		
14000	65.8			74.8	14.8	74.8	74.8		74.8	74.8		74.8	74.8		74.8	74.8
	65.8		9.	2000				74.8							14.8	14.8
¥ 12000	66.5		7.	75.5	75.5	75.5	75.5	75.5	75.5	75.5		75.5	75.5	75.5		75.5
	9.80		8	78.1		78.1						1801				
000 1 A I	69.0		*	78.7	78.7	78.7	78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7
	69.0			0	8	78.7	0	8		3	78.7	78.7			78.7	78.7
141	71.0		19.4	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7	80.7	0	80.7	80.7
120	11.0		10.4	C			0	0		0			0	0	80.7	80.7
2000	71.0		19.4	80.7	80.7		:	0					0			80.7
	72.3		80.7		-		-	-		-			:	-		
141	72.3		80.7	-	:	81.9	81.9	81.9			81.9	81.9	81.9		81.9	-
	72.9			2	2.		2	2.		2.	2	2.	2.	2.	2	82.6
3000			81.9	83.2	m	83.2			83.2	-		83.2			83.2	83.2
1.36					3					3			3	85.2		~
7 2000				83.8	3.		5		3	3	3		3		:	
				87.1			87.1				87.1	87.1			87.1	-
1500	78.1			-	7.7		-		-	67.7	87.7	-	87.7	87.7	87.7	87.7
	78.1		87.1	88.4	4			20	88.4	88.4		88.4		88.4		98.4
90	78.7		88.4	89.7	1.6	89.7			0	0	89.7		89.7		89.7	89.7
	78.7		88.4	•			0		89.7			6		89.7		89.7
88 Al	79.4		89.7	•	1:0		=	-	:		-	-		:		
	19.4		6006	•	1.6		-	:	:	-	:	-	-	-		
3	79.4		90.3		91.6			~	3	92.3	92.3	3	92.3	N	2	92.3
			92.3	-	2.	2.46				94.8	95.5	-		95.5	95.5	95.5
141			92.3	:	94.8			-	-	95.5			0			1096
			6.26	:			8.76	0		1.96	96.8		91.4		97.4	4.16
8	80.0	90.3	92.3	8.46	4.0	8.46	8.76	1.96	1.96	8.96	-	98.1	00	98.1	98.1	98.1
			6.26	:	8	8.76			1.96	•	4.16	1.86	98.1		1.86	4.66
١٨١			65.3	94.8	4.8			96.1	96.1		7.	æ		98.1		0.00

TOTAL NUMBER OF OBSERVATIONS

155

0

1

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

A The species of the second se

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1.5.7.) JAN.

2

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2	٨١	8 41	7	e vi	> 2%	2 4	٧١ ۶۲	¥1 VI	-	X AI	*	N Z	≥ 5/16	N N	٨١
		63.	66.7	1.99		1.99	-			67.4	4.19	67.04	4.10	67.	67.4	010
≥ 20000		73.	•	76.1	76.1	76.1				76.8	76.8	76.8		76.		76.
≥ 18000	63.0	1	76.8	76.8	76.8	76.8	77.5	77.5	77.5	77.5	27.5	77.5	77.5	77.5	77.5	14
		74.	-	77.5	-			•				•		78.		78.
		75.	8											79.		79.
> 12000		76.	6	79.0										79.		79.
		76.	6	6	6		6				6	6	6	79.		79.
000			0		79.7		80.4	80.4		80.4	80.4	80.4	80.4	80.4	80.4	80.4
200		79.	-	81.9		-	2	2.		2.	2.	82.6		2.	82.6	82.6
141		81.	84.1	84.1				84.8	84.8	84.8	84.8	84.8	84.8	•		
		81.		84.8		4.	3	5		3.	2	85.5	5			
9005	71.0	81.	;	84.8	84.8	84.8		85.5	85.5	85.5	5	85.5	85.5			85.5
		81.		*			5	3.		3	5	85.5				85.5
141	71.7		3	85.5		3		86.2			86.2	86.2	86.2			86.2
130		83.					-		-		:	87.0	-			87.0
3000	72.5	24		86.2	86.2	86.2	-	87.0	-	87.0		87.0	-	-	87.0	87.0
10		87.	0		0		-	:		-	:		-			
7 2000	77.5	89.		92.0		2.			N	2	2.	95.8	95.8	2.	95.8	92.8
		89.	2.			2	3.	95.8	2		95.8	8.26	2.			92.8
1500	78.3	89.	95.8		95.8		•		•	93.5	93.5					
		89.	2					93.5	3.		•	93.5	3.			
0001			?	92.8	95.8	2	93.5		93.5	*	3	•	3	3		93.5
. 86		90.				3.	*	34.2		34.5	;		94.2	;		94.2
8		91.	:	94.2	84.2		:			4.			;	;	•	6.46
			;		*	4.	;	6.96		. 4		6.96	*	*		94.9
8			94.2	2.96		94.2	6.46	6.46	94.9	6.46	;	0.46		6.46	64.6	94.9
		92.	3	95.7				4.96		96.4	•				-	96.4
8			95.7	95.7	95.7	95.7	97.1	97.1	:	97.1	97.1	97.1	-	97.1	97.1	97.1
38	79.7	95.8	95.7	95.7		95.7		97.8	-	1.			97.8			
	•		12:1	95.7	95.1	13.	1.2	91.0	•	97.0	•	27.0		78.6	9006	98.0
8			100	95.7	95.7	75.	27.1	200	97.0	97.8	97.0	94.0	000	99.3	99.3	66.6
1		0074	1000	1301		1000	4011	4.0	:	1.00	:		:	77.5	•	0001

0

TOTAL NUMBER OF OBSERVATIONS

138

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

73-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1.5.T.)

0 0

NAC

0

0

6

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.7.) AAN

010

2

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X N

\_ AI

¥1 ×1

7 7

7 Al

1 2%

M Al

4

10

۰ ۸۱

2

CEILING (FEET)

NO CEILING

0 0

VI VI 00061 00061

Y Y Y 12000

0

VI VI 7000 7000

9000 AI AI

3000

17 IV

VI VI 1800 1500

88

ALAI

58

MIAI

88

MAI

88

MAIA

98

ALAI

VIVI 866 866

VISIBILITY (STATUTE MILES)

0 Al VI VI 2 5/16

0 0

TOTAL NUMBER OF OBSERVATIONS

SOMS DIRNAVOCEANMET

80

ALAI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1.5.T.) NAL

ILING							VISI	VISIBILITY (STATUTE MILES)	TUTE MILE	(S)						
FEE	5 1	o Al	S AI	4	E AI	≥ 2%	1 A	¥1 Y	¥1 ¥1	-	N AI	* 11	Z Al	≥ 5/16	N NI	0 AI
CEILING	56.	63.			5	50		5	8.59	.0	0		1.99	9		1000
20000	63.	70.	2	72.5		72.9		73.5		73.9	74.2					74.3
18000	-	70.		3	3.		3				74.3		14.3			
16000		71.			3						*	*			:	74.8
14000		72.			*					5	75.8	2.		3.		76.0
12000	65.3	72	74.5	74.8	75.2	75.2	75.5	75.8	75.8	76.2	76.5	76.5	76.5	76.3	76.5	76.6
10000		74.			9						30	8		8	8	
8		75.		7.0	-		-				78.6					79.0
9008		76.			8	8	8	6	6	6	6	6	6	0	6	80.1
900		78.		80.1		0			-	-	-	-		:	-	
4000		78.		0	0	0	0	-	-	-	-	-	2	2		82.2
900		78				0		-	-		-	-	N	82.1	~	82.2
1600		78.		0	-	-	:	-	-	2.	2.	2	2.	N		2
8 8		79		-	:	81.6	:	82.2			5	2		83.1	6	83.2
2600		79.		-	-	-	2	2.	2	3	3	3	3	33		3
3000	71.6		81.3	81.7	62.1		2	N	2	-	83.4	83.4		83.6	3	83.7
2500		82.		5	3	5	3		0	.0	•	9	0	9	•	87.0
2000		84.			-	-	-	87.8			*	88.5	0	88.7		88.8
1800		84.		4	-		7		8	8			6	0	6	89.1
1500		85.			88.5	8						6	0	0		90.1
1200		86.		80	6	6	6	6	6	0	0	0	0	0	0	90.8
1000			88.7	89.1	89.8			0	0	0		91.1	-		-	91.5
906		87.		6	0	0	0	0	0	-	-	-	-:	-	-	
8			89.5	0.06	0		:	-	:		:	-	2	N	2	92.3
700				0	-	-	-	:	:		2	2.	2	2	2.	
8				80.3			-	2.	2		2	95.8	92.9	N	3.	3
900				91.6	2.	2.	2.		3	3	:	*		;		*
8		89.1	91.3	92.1	93.1	93.1	3	2.46	94.2	94.6	95.1				95.5	95.4
300						3	*	5	5				6.96	0	;	-
200		89.1	91.3	92.3	93.8	94.1	;		3		7	97.4				
8	78.8	89.1	611.3	92.3	•	1.76		92.6	92.6	4.96	97.2		2.86	98.5	98.7	99.5
•		89.1	611.3	92.3	93.8	94.1	94.6	95.6	92.6	440	-	97.4		•	18.1	00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93116 SAN NICULAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB MONTH OIL HOURS (C. S.T.)

E

CEITING		*				1	VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)			,			
	2 1	AI .	8 41	7,1	E AI	> 2%	1 N	۲۱ ۲۵	¥1 YI	- AI	% Al	*	N Z	2 5/16	× AI	0 11
NO CEILING														j -		
00081 YI YI 00081 YI																
N 1 1400																
0000 X																
900 1 / 1																
0009 A1 A1																
V 1 V 000 400																
3300																
2 2000																
VI VI 0081 0081																
VI VI 1200 1000																
8 8 Al Al																
VIVI 58																
88																0
88 MAI																
90 80																

TOTAL NUMBER OF OBSERVATIONS

0 0

0

0 Al

1 AI

2 5/16

2 Al

\*

X Al

~

7

71 72

AI

¥ 2%

AI

VI

M

41

2

CEILING (FEET)

NO CEILING

VI VI 00081 00081

Y 1 2000

VI VI 0000 0000 0000

VIVI 700 000

9000

ALAI

4500 3200

ALAI

ALAI

5703 CEILING VERSUS VISIBILITY JAN 78

TOTAL NUMBER OF OBSERVATIONS

0

0 0

DIRNAVOCEANMET

0 0 0 0 0 0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

02

FEB

0 6 90

**CEILING VERSUS VISIBILITY** 

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

93116



Y 1 2000

1500 120 00 00 00

ALAL

MAI AI AI

88

88

88

AI AI

0

0

0

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

07 HOURS (1 8 T ) FEB

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FE)	2	9 Al	\$ 11	1	e Al	> 2%	2 4	¥1 VI	¥1 ¥	-	% Al	*	Z AI	2 5/16	N AI	AI
NO CEILING		60.7	6	3	3.	3	3		*	8.40	*	4	David	8.79	*	94.
2 20000 X		67.2	0	70.5	70.5	70.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	7:
		67.2		0	0	0	-	71.3	:	71.3			-	71.3	:	-
N 1600		67.2		.0	0	70.5	-		71.3	71.3	-	71.3	71.3	71.3		71.
1 000		68.0	10.5		-		2.	72.1	72.1	72.1			72.1			72.
> 12000		69.7		73.8	3	73.8	*		74.6	74.6	-			•		:
		71.3			5	15.4	.0	70.2	-	76.2	1			76.2		76.
8		71.3	74.6	75.4		75.4					-	76.2		76.2		20.0
		71.3					:									16.
141		72.1	75.4	76.2	76.2	76.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	7.
		73.0			:		-					:				-
8		73.8			77.9	77.9				78.7				78.7		78.
1		73.8			-		00	8					8	78.7		78.
141		74.6	77.9	78.7	78.7	78.7				79.5	79.5		79.5	79.5	79.5	79.
		75.4					•	0	0	0			0	0		
900		76.2	79.5		80.3	80.3			81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.
		77.9		2			2.	2			85.8		2.	2.		82.
7000		77.9			82.0		82.8	85.8	85.8	85.8	85.8		85.8	85.8	85.8	82.
1		17.9	81.2	82.0	3.	82.0	2.	2.	•				2.			82.
1200		77.9	=	2	82.0	2	82.8	85.8	85.8		85.8	85.8	85.8	85.8	85.8	82.
1		78.7	2.	85.8		85.8		83.6				30		83.6	83.6	83.
8		78.7	82.0	2.	82.8		83.6				83.6	83.6	83.6		83.6	
		78.7		85.8	85.8	85.8	3.		3	83.6	3	83.6		83.6	3	83.
8		80.3	83.6	84.4	84.4	100000	85.3		85.3		5	3	3	3	85.3	
		80.3		84.4	84.4	34.4	3.		5	85.3		85.3	2	85.3	85.3	
8		82.0	85.3	86.1							•			.0	•	86.
		85.8	0	86.9	-	87.7	6	89.3		89.3		89.3	6	89.3	89.3	89.
8		83.6	86.9	87.7	88.5			0	0	0	0	0	0		0	
96 AI	71.3	94.4	87.7	88.5		89.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	•	91.8	91.
	-	85.3	Charles .	The same	0					-			2	2.	93.4	93.
8		85.3	200	89.3	91.0		93.4	93.4	93.4	93.4	93.4	93.4	24.3	6.9		8
	•	85.3	88.5	44	:			93.4	93.4	93.4	43.4	93.4	:	84.3	7006	

0 + + @ 10 m a m m o o o o m m o m n o + 4 o

TOTAL NUMBER OF OBSERVATIONS

SOMS DIRNAVOCEANMET



78.0

78.7

78.7

78.0

78.0

77.3

76.6

78.0 78.

78.7

77.3

76.6

17.3 78.0

78.0

16.6

81.6

81.6

81.6

83.7

81.6

80.9

83.0

82.3 82.3 83.7 83.7 82.3

82.3

83.7

80.9

84.4

79.4

79.4

79.4

78.7 80.1

78.7

78.0

78.0 78.7

4.61

78.7

4.61

78.7

78.0

78.0

77.3 78.0

77.3

78.0

80.9 80.9 80.9

FEB

HOURS (LS.T.) 01

٨١

70.2

70.9

70.2

70.2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

	AI N	69	100	74.	16.
	- AI		69.8	- 6	2
	VI 22	-100	69.5	-6	5
	Y1 74		69.5		
- 1		-	-		-

íc	<u></u>		69.		
(SIAIUIE MILES)	×1 ×	-100	69.5	- 6	
VISIBILITY (SIX	¥1 ¥	-:0	69.5	- 6	
ici A	2 2		69.5		
			San		

2% ≥ 2   1%   1%   1%   1%   1%   1%   1%	VI 72	61.	69	73.	75.	75.
N		- 8	6.6	- 6	30	5
2		- 8		- 6	50	
2 10000 12 25						

72.3

71.6 69.5

> 68.1 70.2

59.6

V V V

70.2

61.0 61.0

VIV

7000

62.4 62.4 4.29

900

0.19

70.2 68.1

> 66.7 64.9

58.5

56.7

VI VI 8000 16000

NO CEILING

¥ 20000

(FEET)

73.1

73.1

75.2

74.5

72.3

C			N. O. B.	
			77.3	
			77.3	
			77.3	
			77.3	
	33	9 0	77.3	:

	w w			
. 0	27	mm	00	4-
7.0		77	78	80
	77.3			
	77.3			
12	00	00	00	9.

4.29

4500

3000

				Г
		78.0	 	ı
		76.6	 	ı
		75.9	 	1
0:	1.6	2.3	 9.0	1

78.0	80.1	82.3	84.4
73.8	78.0	78.7	80.9
63.8	67.4	68.1	68.8
2000	1500	1200	8

200 08 8 2 3 8 2 3 4 4 4 4 6 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6		STREET, STREET	The same of		13
38600	***	80.9	82.3	85.1	85.1
88 88 88					71.6
	8	88	88	907	***

87.	88.	88.	88.
4.4	85.1	85.1	200
70.9	71.0	71.6	11.6
88	88	28	80

TOTAL NUMBER OF OBSERVATIONS

141

90.1

92.2

92.2

1.06

1.06

91.5

5.16

90.8

90.1

90.1

92.9

94.3

92.2

91.5

90.8

90.1

8.06 8.06

4.08

90.8

89.4 89.4 4.68

6.46

2.26

91.5 92.2

85.8 85.8

85.8

85.1 87.9

84.4 85.1

85.1 85.1

85.1

86.5

88.7

90.1

90.1

89.4

89.4

88.7

87.9

88 88 80 7 7 0 0

86.5 86.5 87.9 87.9

87.9 87.9 90.1

86.5 86.5 88.7

88.7 89.4

87.2 87.9

85.1

85.1

SMOS DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB

13 HOURS (LST)

E O

CEITING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	N 5	9 11	8 7	4	8 AI	≥ 2%	7 Al	VI 74	¥1 VI	- -	* AI	*	X AI	≥ 5/16	× AI	0 11
NO CEILING	58.9	57.5	58.5	58.9	58.9	70.9	59.6	99.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
V 18000	6		0		-	-	2:	2.	2	3.		73.1		3		
14000				71.6	71.6		72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1
1700			•	72.3	72.3	•	•.	73.1	73.1	73.6	13.8	13.8	13.8	73.8	73.8	73.8
≥ 12000	-		2.	•							•	75.2			75.2	75.2
		72.3	~	14.5	•	14.5	75.2			75.9		15.9				75.9
000 A		73.1	•	78.2	75.2	•	75.9	15.9	15.9	16.6			76.6			76.6
		73.1	3.	75.2	•		•			•		9.91		9		76.6
> 7000	63.1	73.1		75.2	75.2	75.2	15.9			16.6	-	•			16.6	76.6
		73.8	•	•		•	.0	10.0		•		17.3		•	11.3	77.3
2000	63.8	73.8	74.5	78.9	15.9	•	16.6		16.6	77.3		77.3			77.3	77.3
							.9			77.3	77.3	17.3	11.3	17.3		77.3
900	63.8	73.8	74.5	75.9	15.9			16.6	16.6		_				77.3	77.3
			3.	76.6		.0	77.3	77.3		8	8	0.87	0.81	78.0	8	78.0
3000	64.5	74.5	75.9	77.3	77.3	77.3			78.0		78.7		78.7		78.7	8
	0.99		-	78.7	8		6	40.66	4.61	ċ	0	1.08	80.1	80.1	0	80.1
7 200		77.3		80.1		80.1	80.9		0				81.6	-	81.6	
	66.7	77.3	8	80.1	80.1	80.1	•	80.9	80.9	81.6	-	81.6	81.6	81.6	:	81.6
> 1500	68.1	78.7	80.9			2	83.0	83.0	83.0		83.7	83.7	83.7			83.7
	70.2	80.9	3.		84.4		35.1	85.1	85.1	85.8	85.8	85.8	85.8			
V 000	72.3	83.7	2	87.2	87.2		-		87.9		88.7	88.7	8	8		88.7
1	•	84.4		•		•	8		88.7							89.4
8 ^!			-	89.4		6				12000	0	8.06	0	0	8.06	
			-	•	89.4	89.4		1.06		0	0		8006	90.8	0	0
8	73.8	86.5		8.06	8.06		91.5			•	2.26	92.2	5	3	92.2	92.2
	;	87.2	0		92.2	2.	5			93.6	93.0		93.6	93.6	93.6	93.6
N 400	3			94.3	94.3		95.0	95.0	95.0	95.7		95.7	95.7	•	95.7	95.7
00E ₹	75.9		. 2	3.	1.56		.9		96.5	97.2	2.76		2.16	Illian I	97.2	97.2
1 30	3	89.4	?	0.56	95.7	95.7	0	96.5	96.5	97.2	•	-	97.2	7	-	
VI 8	75.9	4.68	92.9	•	95.7	45.1	96.5		96.5	-	97.2	97.2	97.2	97.2	:	98.6
	6	4.69	2.	95.0		75.1		90.5	30.5	97.2	•	•	21.5	•	71.5	000

TOTAL NUMBER OF OBSERVATIONS

141

241

DIRNAVOCEANMET SMOS

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB HONTH

16 HOURS (L S.T.)

-		-	_	-	-	_	-	-	-	-	-	_		_	_				_	_	-	-		-		-	-	-	_	-	-		-
	O Al	1.99	76.6	76.6	76.6	77.4	78.2		79.0	79.0	79.8	79.8	80.7	80.7	80.7	80.7	81.5	81.5	83.1	83.1	85.5		87.1	87.9			91.1		92.7	95.2		0000	
	% Al	1.99	76.6				78.2		79.0				80.7	80.7	80.7		81.5	•	83.1		85.5		87.1		88.7		91.1		92.7	95.2	8.96		97.6
	≥ 5/16		5						19.0						80.7					83.1	85.5	86.3		87.9		0	-	-	2	3.	8.96		9
	N %	-	9	9			78.2						80.7		80.7		81.5					86.3	87.1	1		6.06	-	•		•	0.96		•
	*				76.6		78.2								80.7		81.5	81.5	83.1	83.1	85.5	86.3			88.7	•	-	-	91.9	:		0.96	0
	% Al	1000		16.6	100		78.2			0.64			80.7		80.7	80.7	81.5	81.5		83.1		86.3		87.9		6.06		6116	:			0.96	0
S	-	1.9	_	9.		-	78.2	0	0.64			8.64	80.7	0	80.7	:	81.5	81.5		*	85.5	86.3		-	88.7	0	-	-	6116	*	95.2		
VISIBILITY (STATUTE MILES)	¥1 Y	66.1	16.6		16.6		78.2						80.7		80.7	•	:	•	83.1	3	85.5	;		-		80.3	0	-	91.1	93.6	4.46	4.46	4.46
HLITY (STA	¥1 Y	.0					78.2	6		6				80.7	80.7	80.7	81.5		83.1	3	85.5	86.3	87.1	-	88.7	0	0		:	3.		4.46	4.46
VISII	1 A	9	76.6				78.2						80.7	.0	80.7		-	•	83.1				:		88.7	•	0			92.7	92.7	92.7	65.7
	≥ 2%		75.8	5.	75.8		77.4			78.2						19.8	0	0	82.3	2.	84.7	85.5	.9	-	87.9	6	89.5			-	91.9	91.9	91.9
	E AI	1.99	'n		75.8		77.4		78.2		19.0				19.8		0		82.3	3:		85.5			87.9	6			0	616	91.9	616	-
	7 1	9	75.8		75.8				78.2		0.61				19.8	8.64	0		82.3					-	87.9	6		0	0	-	91.9	-	-
	<b>S</b>				74.2				76.6	16.6	77.4	17.4	78.2		78.2	78.2		•	80.7	80.7	83.1	to the same of		•	86.3	•		•	88.7		96.3	90.3	90.3
	9 11						72.6			73.4	74.2	74.2	75.0	78.0	75.0	78.0	75.8	75.8	77.4	17.4	19.8	80.7			83.1		84.7				86.3		•
	0 1	52.4	60.5	60.5	60.5	61.3	62.1	65.0	65.0	65.0	63.7	63.7	64.5	64.5	64.5	64.5	65.3	05.3	66.1	1.99	68.6	9.69	70.2	71.0	71.8	11.8	71.8	71.8		•	71.8	•	
CEILING	(FEET)		¥ 20000		16000		7 12000		900		7000	1	200		141		3000	1	700	1	1500		1000		8 Al		8		94		700	8	0

0

CEILING VERSUS VISIBILITY JAN 78

TOTAL NUMBER OF OBSERVATIONS

124

0

0 0

SMOS DIRNAVOCEANMET -

# CEILING VERSUS VISIBILITY

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1.5.T.) FEB

CEILING							VISII	VISIBILITY (STATUTE	TUTE MILES	(S)						
(FEET)	2	٥ ٨١	VI S	4	E AI	Y 2%	Z.	YI %	VI 7.	_ AI	% Al	*	% Al	≥ 5/16	VI N	0 11
NO CEILING		52.	:	2.	2.		2.	2		2	2.					
> 20000		57.			-			-		-	-					57.9
		57.			1.	•	1.							•		57.9
N 16000		57.			-	•	-	-		-			2			57.9
		57.			-		7.						-			57.9
× 12000		57.		57.9	57.9	57.9				57.9					57.9	57.9
100		57.			-		:									57.9
000		63.	:		3					3						63.2
		63.	-		3.					3.						63.2
141		63.	-				3									
		63.	-		3.											
9005		63.	:			63.2				-					63.2	
		63.	-		3.		3.	-		-						
1 41		63.	:			63.2							3			63.2
		63.	-		3					3						
3000		68.	-				8	8					8	68.4		68.4
		68.	:		3											73.7
3000		73.					6	6					6			79.0
		73.	-		6		.6	6		6			6			
1500		73.	:		79.0	0.64	79.0	19.0		6	19.0					79.0
		73.			6					•			6			79.0
1000		73.	:		;		;	;		;			;			84.2
		79.					*			*						
8		79.	:		;		;	;		*						84.2
		79.	:				*			*						
8		79.	:		;		;	;					;			84.2
		79.	:		*		3	:		*						84.2
9		79.	:		;					6			6			89.5
	19.0	19.0	84.2	84.2	84.2	84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1 20	•	79.	•		*		89.5			0	89.5		6			89.5
VI 8		79.	:	84.2	84.2	84.2	89.8	89.5	89.5		89.5		89.5	89.5	89.5	94.7
0 Al	•	79.							89.5		89.5		89.5	89.5	•	

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

FEB

22 HOURS (1.5.7.)

	CEILING		NO CEILING	18000 1 4 16000	≥ 14000 ≥ 12000	00001 YI 00009 YI	VIVI 0007 0007	9006	3300	7 2000	91 VI VI 986 987	VIVI 000 000 000	88	8 8 8 8	88	8 8 AI AI	
		A1 02 A1															
		•															
Z		8 4															
ERCEN (F		4															
TAGE		e Al															
FREG		Y 2%															
UENC ILY OF	VIS	2 2															
Y OF	SIBILITY (SI	¥1 Y															
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)	¥1 Y															
RRENC S)	.ES)	. 1 4															
ш		% AI															
		* 11															
		X AI															
		≥ 5/16															
22 HOURS (1.5.T.)		N N															
2		٨															

0

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) FEB

050

TOTAL NUMBER OF OBSERVATIONS

547

SOMS DIRNAVOCEANMET

93116

#### AI Al 2 5/16

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% Al

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2 2%

M Al

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2

(FEET)

VISIBILITY (STATUTE MILES)

MAR HOUTE 01

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

0

1

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

NO CEILING

VIVI 8000 0000

N 1 1400

VI VI 000 000 000

9 % AI AI

VIVI 480

17 IV

300

VIVI 98

88

ALAI

88

ALAI

88

MAIA

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ALAI

7000 7000

VIVI 0081

1200

ALAI

88

ALAL

88

ALAI

88

AI AI

88

MIM

80

AIAI

17 IV

CEILING VERSUS VISIBILITY

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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2 2%

N Al

4

10

4

2

(FEET)

NO CEILING

VI VI 00081 00081

VIVI 508

Y 1400

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0 5 0

MAR

04 HOURS (1.5.T.)

VI VI 2 5/16 2 \* \* VISIBILITY (STATUTE MILES) 7 1% 7

TOTAL NUMBER OF OBSERVATIONS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

07 HOURS (1.8.7.) MAR

0

Û

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SILING	THE RESERVE THE PARTY OF THE PA															
(FEE)	5 V	9 41	\$ 1	<b>1</b> VI	N AI	≥ 2%	1 S	×1 ×	×1 ×	- AI	% Al	*	% AI	≥ 5/16	% AI	0 1
NO CEILING	1:	0	50.0	0	0	0	0	0	0	0		0		0	6	0
≥ 20000		.2	54.2	54.2	54.9	54.9	;			54.9		54.9		54.9	:	54.9
		.2	54.2	*	*		:		*	4.				;	:	
N 16000		.2	54.2	54.5		*	;			54.9	54.9	54.9	54.9	54.9	54.9	54.9
		6.	54.9			9	.0	0	0	9		9		9		
12000		0.	54.9	•	;							•			•	56.3
		0	55.6	3	-	-	:	-	-			-		-		57.0
98			55.6	5	-	7.	-		7	-				-	57.0	57.0
			56.3	0	1:		-	-	-	-		-			:	57.8
141	47.2	1	56.3		57.8		-		-						57.8	57.8
100		0	57.0		8	8		8	8	8		8		8	:	
2000			57.8	-			59.5		6					6	:	
1	48.6	.5	58.5		6	6	6	6	6	6		6		6	:	6
100		~	59.2	6	0				0			9.09		0	:	60.6
3500		0	9009	0	2.	2	2.	2.	2.	2.		2.		2.	2	7
3000		0	62.0	2									*			63.4
1		5	65.5	5						.0			:	•		•
7000		3	70.4	70.4	71.8	71.8	71.8	71.8	:	71.8	71.8	71.8	71.8	71.8	71.8	71.8
1800		00	8.17	-		3	3	3.		3						3
1500		'n	77.5	:			. 8									
1200		2	78.2		6		6		6	6				6		6
1000	65.5	0	78.9	78.9		ò	ò		0					0		•
98		0	18.9		ò		ò	0	0	0						ö
8		•	19.6	79.6	81.0	:	:	81.0	-	81.0				-		•
200	9.10	1.0	81.0	81.0	3.		5	7	2	2.				•		•
8	68.3	- airin	84.5	84.5		3	3		2						85.9	85.9
		3.			3	86.0		-					-		87.3	87.3
8	69.0	84.5		85.2	-			88.7			88.7		88.7	88.7	88.7	88.
300		86.6		88.0	0	91.6	2	•	3	•		93.0		93.0	93.0	93.0
200	69.7	. 9	88.0	8.	6.06	1:	92.3	0.66	93.0	m		;		-	:	95.8
100	2.69	86.6		88.0		91.6	2.		3.	•	4.46	94.4	5006	1.56	1956	8
•		,		•		-		•		1		•	•			-

O

TOTAL NUMBER OF OBSERVATIONS

142

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1.5.7.) HAR

0 0

Ü	BILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
	(FEET)	5	AI	\$0 Al	4	e Al	2 2%	2 41	¥1 %1	¥1 VI	- AI	× AI	* 1	Z AI	≥ 5/16	N N	0 1
2 ^	CEILING	50.5	63.0	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	60.0	60.3	64.3	64.3	64.3
1			68.2		6	6	. 6				6				6		
II AI	9009		68.2	68.89							6	69.5	0			69.5	
A	1		70.1		-	-		-	71.4		-		71.4	-	71.4	71.4	71.4
1 11	12000		72.1	~			73.4	73.4	73.4	73.4	73.4		73.4	73.4	73.4	73.4	73.4
Al	10000		72.1	2.	73.4	73.4	73.4		73.4		73.4	73.4	13.4		73.4	73.4	73.4
A	9006		72.1	72.7	73.4				73.4	73.4	73.4		73.4		73.4	73.4	73.4
٨			72.7	73.4	74.0			. 4	14.0	. 4	•	14.0	74.0	74.0	74.0	74.0	74.0
IAI	2000		73.4	74.0			74.7		74.7	74.7	74.7		74.7		74.7	74.7	74.7
A	9009		14.0	14.1	75.3	5		5		3		2	•	5		3	75.3
1 11	2000		74.0	74.7	75.3	75.3		3		5		3			75.3	75.3	75.3
^	4500		14.0	1:01				3	5	3		5	3.	2	3	2	75.3
IAI	9004		74.0	74.7	75.3	75.3			75.3	75.3	75.3		75.3	75.3	75.3	75.3	75.3
^	3500		75.3		. 9			9				9	9	9			76.6
1 11	3000		76.6	1:		77.9			-	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
_^			78.6	6	6	6		6		6	6	49.9	6	6	6	6	19.9
1 11	2000		80.5	81.2				:		-	81.8	-	-	81.8	81.8	81.8	81.8
^			81.8	2	83.1	3		3	3.			3		3	3		
1 11	1500		85.7	;	87.0	87.0	-		87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
^			87.0	1.		8											88.3
1 11	1000		87.7	88.3	89.0				89.0			0	89.0		89.0	89.0	89.0
٨١			87.7	8	89.0	6		0	89.0		89.0		89.0	6		6	
Al	8		89.0	6	6.06	6.06	0	0			0			6.06	0	•	•
^			90.68	0	92.2		2.		92.2		•		92.2		•	3	92.2
IAI	8		90.3	-	3	5		3	2			3	2	5		92.9	
^			90.3	:	92.9		3.				3.	3	93.5		3	3	
M	400		6.06	3.	94.2		8.46		8.46	*	8.76	;		*	94.8	8.46	94.8
٨١			6.06	2.26	. 4		1.96	.0	1.96	1.96	8.96	96.8	8.96	8.96	96.8	8.96	96.8
AI	200		6.06	5	•	96.1		96.8		•	1	1.				98.1	
٨١	8		6.06	2.26	8.46		96.1		96.8	96.8	97.4	97.4	97.4	98.1	1.86	1.86	
^1			6006	2	*		1.96	. 9		0	97.4	-				1.86	0000

TOTAL NUMBER OF OBSERVATIONS

SAN NICOLAS, CALIFORNIA

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	-
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100	-
-	
	=
	HOUR
	=

MAR

		- 3	-	-	4	4	0	0	-	9	9	0	9	0	3	80	-	0	9	0	9	5	5	8	0	8	00	8	-	~	0	0
	VI O	77.	78.	78.	19.	79.		80.	80.	82.		82.	82.		84.	85.	87.	91.	91.	93.	93.	95.	95.	96	96	96.	96		.86	98.	00	ò
		- 4	-	-	3	*	0	0	-	9		9	-	0	n	00	-	0	9		-	5	5	00	8	8	80	8	-	_	7	4
	VI 74	77.	78.	78.	6	79.		80.		82.	82.	82.	82.		84.	35.	87.	91.	-1	33.	93.	35.	95.	90	96	90	96	96		98.		.66
	•	- 4	-	-	*	*	0	0	-	•	_	9	-	6	-	80	-	0		9	-	5	_		8		8	60	-	7	*	*
	5/16	77.	18	78.	61	62	80.	30.	80.	82.		82.	82.	33.	84.			91.	91.	3		95.	95.				.9		8.	_	6	
	Al	- 3	-	-	*	*	-	0	-	9	-	9		6	_		-	0						0				0	-	7	*	4
	N N	12	18.	8	6	2	Š.	80.	90	82.		82.	82.	33.		85.	-	91.	16	3	93.	2	95.	0	96	0	96	96	96	98.	. 66	
		- 4	-	-	4	*	0			9	-	9	-	0	-	8	-	0	9	0	9	5	_	80	8	8	8	80	-	7	1	-
	* Al	15	78.	78.	19:	19.	80.	0	80.	82.	32.		82.	33.	84.	35.		91.	.16	3				96	9	96	9	96.	8	8		.86
		- 4	-	-		*		0			-		-			00		0			_	2			80	30	8	30	-	7	7	
	N N	75.	18.	8	2	79.	80.	00	80.	82.	82.	32.	82.		84.			=		93.		3	95.	90	.96	0	96	96	.86	.86	.86	8
		- 4	-	-		4		0	1	•	_	9	6	0	2	8	-	0	9	0	9	S	5	8	8		8	•	-	2	1	,
	Ā	3.5	8	8	6	6		0				82.	82.	83.	84.	85.		91.		93.		95.	95.	96.	96		96	96		98.	.86	8
VISIBILITY (STATUTE MILES		F 4	-	,-	*	4	0	0		9		9				8	7	0		9		5			8			8	-	2	4	7
UTE ,	7	77.	8	8.	64	6		80.		82.	82.	32.		.6	84.		37.	91.	-			5	95.	0		.90	96	.90				8
(STAT		- 4	-	-	3	*	0	0	2	•	-		0		5	8	-	0	-	0	6 9	5	5	8	8	30	8	8	-	7	6	7
LITY	7 7	25	18	8.	6	2	9	80.	80.	82.		82.	82.	83.	84.	85.	87.	91.	91.	3		95.	95.	96.	.00	96.	96.	96	8.			8
18181		- 4	-	-	4	*	0	0	7		9		-	6	2	8	2	0			9	80	30	8	8	30	80	8	-	2	1	7
	Al	77.	8	78.	6		80.		.0a	.26	82.			83.	34.		37.	91.		3.	93.	5	95.		.96				.86	.86	. 86	8
		-100		•	-	-	_			0	_			N		2	-	w.	_	0	0	20	80	-		-	-	-	3	-		-
	> 2%	76.	7	7	8	18.	6	6	20.	-	3.	1:		83.		85.	14.	0	1.	2.	2.		4.	90		96.	.0	96.	-	8	8	
		-18	*	*	-	-		*	0	0	0	0	0	~		2	7	3	0	0	6	00	8	-	-	-	-	-4	*	1	-	1 9
	M Al	76.	5	7.	18.	8.	6		80.	31.	91.	31.	31.	13.	53.		7.	.06		2.	12.		. 4	.0		.0	96.	.0		8		8
			80	00	-	_	-	7	*	5	3	80	3	9	8 8	60	8	0	-	0	6 9	9	6 9	00	8	8	8	0	8	5	5	5
	VI	100	9	76.	.8	8.	8.	. 8.	.61	31.		-	11:	32.	12.	33	85.	89.		:	11.	3.	3.	*	14.	*	. 4	94.	14.	3.	.5	
		7.		0	-	-	-	1	•	<u>m</u>	•	8	3	9	9	6	8	0	1 8	0	9	9	9	8	8	8	8	8	8	5		5
	N NI	76.	9	9	8.	8.		78.	.61	31.	31.	31.	:	32.	32.	33.	35.	39.	39.	:	:	3	3.	:		*		*		3	2	2
			-	-		*	-	1	1	-	-	-	-	0	0	2	2	4	0	0	0	•	0	~	2	~	2	~	~	2	~	~
	Al	75.		76.	-	:	8	18.	.8	30.	0	.0	0	:	-	33	15.	88	.61	=	:	2	12.			:	:	:		*	;	;
		0.0	-	-	0	0	9	9	3	~	2	~	~	-	-	40	-	~	0	~	~	-	-	-	00	00	00	00	-	-		
	2	69.	65	29.	:	:	1:	71.	12.	74.		4.		75.	5.	16.	8	30.	31.	33	33.	34.	. 45	.5	35.	35.	35.	.50	35.	35.	25	.5
		-	-	_			H				-		-					_	F	_	-	_		-	F	-	-	-	-	-		-
CEILING	6	CEILING	9000	16000	000	12000	900	9000	000	200	000	2000	9	1000	200	3000	200	2000	800	1500	200	900	8	8	700	8	900	8	8	8	8	•
18	E	0 4	1	141		2	1000	٨١	A.S.	IAI	110	IAI		IAI		INI		IAI		1 1		IAI	A	IAI		IAI		IAI	AI	AI	AI	AI

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 MAR

		K	0	0	0	~	1	~	N	~	~	~	•	-	•	-	-	00	m	-	~	_	_	•	-	~	(8)	-	•	-	-	0	7
	Al	90	75.	15.	75.	75.	75.	77	11.	11.	77	11.	7.	77.	79:		83.	83.	86.	87.	92.	92.	94.	. 76	96	96	96	96	96	96	97.	00	
	% Al	1.49	75.0	75.0	75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	17.9	41.9	79.4		83.1	83.8	86.8	87.5	92.7	1.26	1.46		6.96	6.96	6.96	6.96	.3	6.3	-	6	99.3
	5/16	1:4	2.0	2.0	2.0	5.7	2.1	7.2	7.2	7.2		7.2	•	1.9		2.0	3.1	3.	8.9	7.3	2.7	2.7	4.1	6.4		6.96		96.3		6.3	7.1	7.8	7.8
	۸۱	0 1.	0.	0.	0.	1	.7	.21	.2 7	.2	.2 7	.2	.97	6.	4.	.2 8	8 7.	8	8	.50	. 7	6 1.	5	6 6.	.3	.3			_	.3 9		8	2
		40	15	13	75	15	73	1	11	11	11	1	11	1	13		83		86	81	92	36	94		96		96	96	96	96	97	97	97
	*	1.40	2	2.	75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	77.9	77.9		80.2	83.1	83.8	86.8	87.5	92.7	92.7	1 . 46		96.3	•	80.3	96.3	96.3	8096	97.1	97.1	97.1
	% Al	1.49	75.0	75.0	75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	77.9	77.9	79.4	80.2	83.1		86.8		92.7	92.7	1.46	6.46	6.96	6.96	96.3	6.96	96.3	6.96	97.1	97.1	97.1
(S	- AI	1.40	75.0	75.0	75.0	75.7	78.7	77.2	77.2	77.2	•	77.2		77.9	19.4	10000	83.1	83.8	86.8	87.5	92.7	92.7	94.1	6.46	8.96	6.96		6.96	6.96	6.96		97.1	97.1
TUTE MILE	7 7	1.49			75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	77.9	17.9	19.4	80.2	83.1		86.8	87.5	92.7	92.7	94.1	. 4	6.96	9	96.3	;	•	6.96	97.1	1.76	97.1
VISIBILITY (STATUTE MILES)	¥1 ¥	1.49		2	75.0		75.7	77.2	77.2	77.2	77.2	77.2		77.9	19.4		83.1	83.8	86.8	87.5	92.7	92.7	94.1		60.3	8.96	6	6.96		8.96		97.1	97.1
VISII	Al Al		5.0	0	75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	4.4	77.9	19.4	80.2		3.	86.8	87.5				6.46	6.96	6.96	96.3	6.96	•			97.1	
	Y 2%	1.40	75.0	•	75.0	15.7	75.7		77.2	77.2	77.2	77.2	77.9	17.9	19.4	30.2			86.8	87.5	92.7	92.7	94.1		96.3	6.96		6.96	96.3	6.96	97.1	97.1	77.1
	e Al	1.49	75.0	75.0	75.0	75.7	75.7	77.2	77.2	77.2	77.2	77.2	17.9	41.9	19.4		83.1	83.8	86.8	87.5	92.7	45.7	1.96	6.46	6.96	6.96	96.3	.0		6.96	97.1	97.1	97.1
	**	64.1	75.0	75.0	75.0	78.7	73.7	77.2	77.2	77.2	77.2	77.2	17.9	77.9	79.4		83.1		86.8	Chica	92.7	92.7		6.46	6.96	6.96	6.96	6.96	86.3	6.96	97.1	97.1	
	8 41	1.49	74.3	74.3	74.3	75.0		•	76.5	76.5	76.5	76.5	77.2	•	78.7	19.4	82.4	83.1	•		91.9	•	•	1.46	•	2000	•	•	92.6	•		•	92.6
	o Al	0	5	2	-	3	•	-	-	1	~	1	-	2	0	-	•	9	•		-		0	-	-	-	-	-	-	-	94.1	1	-
	0 4	9			-	2	~	~	-	~	~	-	*	3	•	0	10	5	50	~	N	2	0	6	*		*	3	3	*	82.4	3	
CEILING	(PEET)	CEILING	8	18000	0009L Z	14000	> 12000	10000	000 1	9008	7000	9009	900	4500	8	3500	300	2500	7000	1800	95 1	1200	900	8	80	700	8	980	84	300	700	8	•
	7)	2			1		1					915									200												

0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (L S.T.) MAR

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
(FEI)	5 4	٠ ٨١	\$	4	6 VI	2 2%	2 4	VI 74	¥1 Y	Ā	% Al	* AI	Z AI	≥ 5/16	N AI	0 11
NO CEILING	1.	10.8		10.8	10.8	10.8	10.8	70.8	10.8	70.8	10.8	8.01	10.8	10.8	8.01	70.8
> 20000	0	79.2	79.5	79.2	79.5	79.2		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
1000	0	79.2	79.5	79.2			79.5	79.2	79.2	79.2	79.5	19.2	19.2			79.2
16000	0	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.2	79.2	79.5	79.2	79.2	79.2	79.2	79.2
10000	0	79.2	79.2	79.2		79.5	79.5	79.2	79.2	79.2	79.2	2.61	79.2		79.2	79.2
> 12000	0	79.2	79.5	79.5	79.5	79.5	79.2	79.2	79.2	79.2	79.5	79.5	79.2	79.2	79.2	79.2
	0	79.2	79.5	79.2	•		•	79.2	79.2		•	•	79.5	•	78.5	79.2
0006	0	79.2	79.5	79.2	79.5	79.2	79.2	79.5	79.2	79.2	79.5	79.5	79.5	79.2	79.2	79.2
	0	79.2	79.5	79.2	79.5	19.2	79.2	79.2	79.2		79.2	79.2	79.2		19.2	79.2
V 7000	0	79.2	79.2	79.2	79.5	79.2	79.2	79.5	79.2	79.2	79.5	79.5	79.2	79.5	79.5	79.2
	0	79.2	79.5	79.2	79.5	19.2	79.2	79.2	79.2	79.2		79.5	79.2		79.5	79.2
9000	0	19.2	79.2	79.2	79.5	79.2	79.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	0	79.2	79.5	79.2	2.64	•		79.2	79.2			2.61	2.64		79.5	79.2
14	0	79.2	79.2	19.5	79.5	79.2	79.5	79.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	0	79.2	79.2	79.5	79.5	79.5	2.64	79.2	79.2	•	79.2	2.61	79.2	79.2	79.2	79.2
3000	0	79.2	79.5	79.2	79.5	79.2		79.2	79.2	79.2	79.5	79.5	79.2	19.2	79.2	79.2
	0	79.2	79.5	79.2	79.5	2.61	79.2	79.5	79.2	79.2	79.5	2.61	79.5	79.5	19.2	79.2
7 2000		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
		87.5	87.5	87.5	87.5	61.5	87.5	87.5	87.5	87.5	87.5	81.5	81.5	87.5	87.5	87.5
N 1500		91.7	91.7	91.7	91.7	91.7	1.16	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
		91.7	41.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	116	11.1	91.7	11.16	91.7
V 1000		91.7	11.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
8 Al	5		91.7	71.7		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
			0000	0.00	0.001	00.00	10000	00.00	00.00	0.001	0.001	0000	00.00	10000	00.00	000
W 78	00	000	0000	00.00	0000	100.00	0.00	00.00	00.00	0.00	100.0	0000	00.00	00.00	00.00	0000
8	. 8		00.00	00.00	0.001	00.00	00.00	00.00	100.00	100.0	100.00	00.00	00.00	00.00	00.00	00.0
8	00 0		0000	0000	0.00	000	0000	0.001	0.001	0.00	100.0	0 00	0000	10.001	00.00	000
			0000	00.00	0.001	0000	0000	00.00	00.00	0000	0001	0000	0000	10001	00.00	000
88	9 20	100.001	100.001	000	000	000	0000	000	0000	000	000	0000	000	00.00	0000	0000
	00 0	00.00	0000	0000	100.0	100.00	0000	0000	00.00	0.00	0.001	0000	0000	00.00	00.00	0000
	0		0000	0000	0.001	00.00	0.00	0000	0.001	0000	0.001	0000	0000	10000	00.00	00.00

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

2

CEILING (FEET)

NO CEILING

VI VI 00081 VI 00081

VI VI 0000 0000

0

Y 1 4000

0

900 AI AI

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

22 HOURS (1.5.T.) MAR

0 VI VI 2 5/16 2 11 \* % Al AI VISIBILITY (STATUTE MILES) 17 7 7 AI 2 2% N Al 4 17 4

3300

Y Y 2000

1500

MAIA

1200

MAIA

88

MIM

88

88

MIAI MIM

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

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73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S.T.)

MAR

0

CELLING 54 - 6 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	1000000 100000 100	10000000000000000000000000000000000000	0 44 4 0 4 6 4 6 4 6 4	000000000000000000000000000000000000000	001100000000000	7489000000000000000000000000000000000000	77.000000000000000000000000000000000000	21-00-11-12-12-12-12-12-12-12-12-12-12-12-12-	00001-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	2000 2000 2000 2000 2000 2000 2000 200	77.000		7.20 69.9 7.11.7 7.20.9 7.20.9 7.30.8 7.30.8 7.40.1 7.40.1	
20000 60.9 14000 60.9 12000 60.9 12000 60.9 12000 60.9 12000 60.9 12000 64.9 1200	400-000-00-00-00-00-00-00-00-00-00-00-00	0Nr 4 4 5 10 Nm -0 0	0000	00-WW-W-0-0	or rounnemono	1 + 4 W W W W W 0 0 0			000 00 00 mm m m m m m m m m m m m m		000			**************************************
18000 60.9 12000 60.9 12000 62.2 12000 62.2 12000 62.2 12000 64.3 1800 64.3 1800 64.3 1800 72.3 1800 72.3 1800 76.1 1700 76.1	40 F N N N N N N N N N N N N N N N N N N		4400-1-00 NOT NO		- FORNIN ME O - O		00NNNMM++N		2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		******			00NNNMM44
10000 60.0 10000 62.0 10000 62.0 10000 62.0 10000 62.7 1000 64.3 1000 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		400-100 NOT NO	-00000	- ON NN MT O - O	0 N N N M M 4 4 M			× 000000000000000000000000000000000		0 NNNE 64		SEEEEEEE	0 N N N M M 4 4
1300 65.0 1000 62.0 1000 62.0 1000 62.0 1000 62.0 1000 62.0 1000 62.0 1000 63.0 1000 64.0 1000 65.1 1000 65.1	- ND 6 4 0 MT E C N - 0		00 NO NO-NO	0	011111110	NNN M M 4 4 M								
1200 65.1 1000 62.7 1000 62.7 1000 62.7 1000 62.7 1000 62.7 1000 62.7 1000 62.7 1000 62.7 1000 64.0 1000 64.0	000 4 0 m L m L m - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		orrue untu	~~~~~~~~	MNN-M-0-0	-000000440							rereter	
9000 62.7 9000 63.2 7000 63.2 7000 63.2 7000 64.3 7000 64.3	00-NNNNW40-			nn-m-0-0	NN- m- 0-0	200000440					****		rrrrr	
9000 62.7 9000 63.2 9000 63.2 4500 64.9 4500 64.9	0-0000000000000000000000000000000000000			N- m- 0-0	N- m- 0-0	2000444					~~~~		rrrrr	
2500 64.0 2500 72.0 1300 76.1	40 87 87 8 10		מפתחה			2004440					2000		rrrr	
2500 64.0 2500 6	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		@ NW - N	m-0-0	m-0-0	ww4 4 W					mm44		crrr	
2500 64.3 2500 64.3 2500 65.1 2500 67.6 2500 72.3 1500 76.1 1200 76.1	WL EL W 10		un-n	0-0	0-0	44 4 4					m + +		rrr	3.8
2500 64.5 2500 65.1 2500 67.6 2500 72.3 1500 76.1 1500 76.1	V W W W W W W W W W W W W W W W W W W W		n-n	0.0	0 -0	3 3 50						•		4.1
2500 65.0 2500 65.0 2500 67.6 2500 72.3 1500 76.1 1200 76.1	87.57		- 50		-00	3 50						1		4.3
2500 65.0 2500 67.6 2500 72.3 1800 76.1 1500 76.1	1.01				0	3		•	75.1				-	
3500 65.0 3000 67.6 2500 72.3 1800 76.1 1200 76.1	6.5				-			ı			2	75.1		5.1
3000 67.6 2300 72.3 1800 76.1 1300 76.1	1001			0.			76.1			•			7	
2500 69.1 2000 72.3 1800 76.1 1200 76.6	6.6	•	76.97	0	9.		77.7	77.7	77.7		7.27	77.7	7	1.7
1800 72.3 1800 76.1 1200 76.6		9.	6.	. 3	5	6	79.7		19.7		0		19	1.
1800 76.1 1300 76.1 1300 76.6	31.3		82.3 8	0		83.1	83.1	83.1	83.1				8	7:
1200 76.1 1200 77.4	32.3		83.3	0.4	0		84.1	84.1	84.1	*		84.1	84	7.
1200 76.6	36.4	87.1	87.4 8	-1	7.		88.2	•		88.2		88.2		3.2
1000 77.4	6.98	•	6.	.5	8.5	8		•		8				1.1
	38.1	88.7	0.		2.6	6.68	89.9	6.68	6	89.9				
\$ . 1 . 006	38.2		7.	6.	6.6	ò		:			0.06		06	0.
0	39.7	90.3	00	· S	5.	-	91.7	•				91.7		
4.61 002	30.5	0.16			7.	5	6.26				92.3		6	
~	91.0		92.5	3.1 6	7:		93.3	93.3		93.3				3.3
300 79.7	91.0		2.5	13.3	c.		93.8	-	3		93.8		-	
0	91.3		93.0	13.9	94.1	;	4.46	:	94.46	4.46	4.40	4.46	ò	4.4
300 80.2	91.8	0	3.8		0.	3.		:	.0			0		
~	91.8	93.1	94.1 9	15.7	•	4.96	90.96	90.96	6.96	97.1	97.1	97.2	6	7.2
100 00.	91.8	93.1	94.1 9	12.5	8.8	•	90.96		9	97.1	97.1	91.0	6	
80.2 9	-	93.1	94.1 9	2.5	6.	4.96	90.96	9.96	6.96	97.1	97.1	97.6	97.	-

SMOS DIRNAVOCEANMET

611

### CEILING VERSUS VISIBILITY

10

APR

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC SAN NICOLAS, CALIFORNIA

93116

OI NOUNS (LST.) 0 \* Al 2 5/16 2 \* X Al PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) \_ ^I VISIBILITY (STATUTE MILES) ¥1 × 71 7 1 2% ۳ ۸۱ 4 40 Al ٥ ٨١ 2 NO CEILING VIVI 860 150 VI VI 00091 00091 Y 1 14000 VIVI 864 866 VIVI 88 VI VI 000 000 000 7000 7000 9 8 AI AI 3000 88 88 88 88 8. ALAI MIAI ALAI AIAI

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

SAN NICOLAS, CALIFORNIA

93116

0 0 0 0 0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\*

\*

<u>~</u>

71 7

Y 1%

7 Al

2 2%

N Al

4

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4

2

(FEET)

NO CEILING

VI VI 00081 00081

VI VI 9000

0

9000

VIVI 866 869

3000

2000

MAIA

VIVI 808 1808

1200

MINI MINI

88

8 8

ALAI

88

MAIN

88

ALAI

8.

Y 1 4000

VISIBILITY (STATUTE MILES)

APR HONTH O 4

1 Al ≥ 5/16

TOTAL NUMBER OF OBSERVATIONS

050

SMOS DIRNAVOCEANMET 57.5

57.5

57.5

56.7

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

HOURS (L S T.) APR MONTH 10

200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

7 7

14

AI

(FEET)

26.0 56.0 56.0 56.0 55.3 56.0 55.3 Al 55.3

1

56.0 56.0 56.0 56.0 56. 26.0 55.3 55.3 56.0 55.3

56.0 56.

26.0

26.0

56.0

26.0 56.0

56.0 56.7 26.0

56.0 56.7 55.3 55.3 55.3

55.3 55.3

55.3

55.3 55.3

55.3

44.7 51.8 54.6 55.3

44.7 51.8 54.6 55.3

51.8

44.7

VI VI 00081 00081

12000

9000

2000

44.7

≥ 20000

NO CEILING

26.0

56.0

56.0

56.7 56.7

56.7

56.7 54.7 36.0 56.0 36.0 36.0 36.0 36.0

56.0 56.0

56.0 56.0

58.2

57.5

54.6 54.6 55.3 55.3 58.5

47.5

900

47.5

48.2

4500

58.2 58.9

47.5 54.6 57.5 58.2

45.4 52.5 55.3 56.0 56.7

56.0

56.0 56.0 56.0

57.5

58.9 58.9 58.9 59.6

58.9 58.9 58.9

6009

59.6

59.6 59.6

59.6 60.3

64.5 64.5 65.3

0.99

0.99

0.99

62.4

4.29

62.4

66.7

0.99 0.99

0.99

69.5

69.5 72.3

69.5

72.3 74.5

72.3

63.8 63.8 64.5 64.5 0.99 58.9 58.9 59.6 59.6

58.9 58.9

58.9

58.9 61.7

58.9 61.7

58.2

48.2

50.4

3500

ALA

61.0

58.2

61.7

61.7 61.7

63.8 63.8 63.8 63.8

63.8

63.1

52.5 60.3

2500

ALAI

68.3

64.5

61.7

64.5

61.7

53.9

1800

900

AI AI

65.3 65.3

68.8 73.8

68.89 73.8

68.1

65.3

73.1

70.9

72.3 0.99 0.99 69.5 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3 68.8 68.8 68.8 68.8

16.6 74.5 75.2 73.6 73.8

71.6 71.6

74.5 74.5 78.7 74.5 74.5 74.5 77.3 73.8 73.8

77.3 75.9

75.9

75.9 17.3

75.2

76.6

72.3

61.7

61.0 71.6

88

78.0

77.3

73.8

61.7

88

4.20

63.1

88

74.5

78.0

78.0

79.4

19.4

79.4

6009

83.7

83.7

74.5

74.5

74.5

75.2 76.6 76.6

78.2

75.2 78.0 4.64

76.6 78.0

80.9 80.9 78.0 79.4 83.7 83.0 77.3 77.3 78.7 83.0

90.8 87.2 83.0 78.7 78.7 80.1 80.1 80.1 80.1

83.0 83.0

83.0

80.9

91.5 1.06 90.1 87.9 86.5

86.5

83.0

81.6

78.0

91.8

63.8 63.8

80

88

81.6

93.6

6.26

92.9

141

TOTAL NUMBER OF OBSERVATIONS

93116

0

0 0 0 0 0

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93116

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

10 HOURS (LS.T.)

CEILING							VISIA	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2	9 11	<b>S</b>	<b>A</b> I	N AI	≥ 2%	7	VI VI	¥1 VI	-	% Al	*	Z AI	≥ 5/16	N AI	٨١
NO CEILING	42.	56.7	56.7	58.0	6	29.3	59.3	59.3	6	59.3		59.3	6	59.3	59.3	59.3
≥ 20000	46.	•	62.7	64.7		0.99	. 9	0.99	0.99	66.0	0.99	0.99		0.99	0.99	0.99
			62.7	64.7	0.99	•	0.99	0.09	0.99	0.99		0 • 99	0.00	0.99		0.99
≥ 16000		•	62.7	64.7	•	0.99		0.99				0.99			0.99	0009
			62.7	04.1	0.99	0.99	•	0.09		0.99		0.99		0.99	0.99	0.99
7 12000			63.3	65.3	2.99	66.7	1.99	66.7	66.7			66.7	66.7	66.7	66.7	66.7
			:	0.99	67.3	67.3	67.3	67.3	:	67.3		67.3		67.3	67.3	67.3
8			;	0.99	67.3	67.3	67.3	67.3	6.7.3	67.3	67.3	67,3	67.3	67.3	67.3	67.3
				66.7	68.0	0.89	68.0	0.89		68.0	68.0	0.89	0.80	68.0	68.0	68.0
1 7000			65.3	67.3		68.7						68.7	68.7	68.7	68.7	68.7
			3	67.3	68.7	68.7	68.7	68.7	58.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
2000			5	67.3		68.7	68.7		68.7	1000	68.7	68.7	68.7	68.7	68.7	68.7
			5	67.3	68.7	68.7		68.7	68.7	68.7	68.7	68.7	68.7	63.7	68.7	68.7
141			66.0	68.0	69.3	66.3	€.69		69.3		69.3	69.3		69.3	69.3	69.3
			8	0.07	11.3	71.3	11.3	71.3	71.3	71.3	71.3	71.3	71.3	11.3	11.3	71.3
3000			0	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
			0	72.0	73.3	13.3	73.3	73.3		73.3		73.3	73.3	73.3	73.3	73.3
7 2000	54.0	72.0	72.0	74.0	15.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
			m	75.3	76.7	16.1		76.7	.0	76.7	16.1			76.7	76.7	76.7
130			80.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
			?	84.7	86.0	0.09	86.0	86.0	86.0	86.0		86.0	86.0	86.0	86.0	86.0
VI 000			84.0	86.0	67.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
			84.7	86.7		0.88	88.0	88.0		88.0		88.0		88.0	88.0	88.0
8			86.0	88.0	89.3	89.3	89.3	89.3	89.3	86.3	89.3	89.3	89.3	89.3	89.3	89.3
			86.7	89.3	1.06	1006	2.06	106	40.7	40.7	1.06	1006	1006	400	40.1	1006
8 A			87.3	0.06	61.3	61.3	61.3	91.3	91.3	91.3	61.3	91.3	91.3	91.3	91.3	91.3
			89.3	92.0	0.46	0.46	0.46	0.46		0.46	0.96	0.46		0.46		0.46
14			1.06	93.3	95.3	95.3	95.3	65.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
			616	0.76	61.6	87.3	61.3	97.3	97.3	98.0		98.0		98.7	48.7	98.7
14		89.3	91.3	0.46	97.3	97.3	97.3	97.3	97.3	98.0		98.0	66.3	99.3	99.3	66.3
8			616	0.46	64.3	97.3			8	7.86	98.7	98.7	0.00	0000	0.00	0000
			61.3	0.46	97.3	97.3	97.3	0.86	•	98.7		98.7	0	0	100.001	0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

2

13 HOURS (1.5.7.)

CEILING	4						VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(S						
	N 0	9 11	8 1	4	6 1	× 2%	K 2	¥1 Y	¥1 ¥	-	% Al	* 1	X AI	≥ 5/16	N AI	0 2
NO CEILING		70.	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	79.3	73.3	79.3	73.3	73.3
18000		9	78.			0		0		0		80.0	80.0	0	80.0	0
	•	0	100	000	80.0	0	•	00	000	•	•	30.0	•	•	•	80.0
V 1 4000		-	-	80.7	80.7		80.7	800			80.7	80.7	80.7	80.7	80.1	80.7
0000		78	œ œ	81.3	81.3	81.3	81.3	81.3	81.3	81.0	81.3	20 E	81.3	81.3	81.3	81.3
All Sections		13	80		:	81.3			81.3	81.3		61.3	81.3	81.3	61.0	81.3
		78	900	81.3	-			81.5		81.9		81.3		61.5	81.03	81.3
88		78	00	82.0	82.0	82.0		82.0	82.0	82.0	82.0	82.0		82.0	82.0	82.0
1 4500 1 4500		18.		82.0	82.0	82.0	82.0	82.0		82.0	82.0	82.0	82.0	82.0	82.0	82.0
		19	2 23			3 2				3 2		2 2	2	200		
8 8 8 1 A I		82.		85.3		85.3		85.3	•		85.3	85.3	85.3	85.3	85.3	85.3
7200		69	Partie	87.3	86.7	87.3	86.7	87.3	86.7	86.7	87.3	87.3	87.3	86.7	86.7	86.78
9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		86		90.0	90.0	90.06	90.0	90.0	90.0	90.0	90.0	90.06	90.0	90.0	90.0	90.0
	80	88	80	90.7		0 %	000			00		92.7	90.7	ON		90.7
THE REAL PROPERTY.	0-	92	94.0	95.3	95.3	95.3	95.3	96.7	95.3	95.3	95.3		95.3		95.3	95.3
VIVI 58		92.		98.0	96.7	96.0	96.7	96.0	96.7	96.7	96.0	98.0	96.0	98.0	96.7	96.7
88		93.	00	6.66	98.7	99.3	98.7	99.3	99.3	98.7	98.7	99.3	99.3	99.3	99.3	98.7
88 AIAI	-:-	93.		99.3	99.3		99.3		99.3	99.3	99.3	00	00.00	100.001	100.00	
80	71.3	93.		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	00.00	100.00	00.00	00.00
											1					

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

16

CEILING								(2)	VISIBILITY (STATUTE MILES)	(G						
(FEET)	2 1	, AI	8 41	,	2	2%	2 4	¥1 Y	¥1 Y	-	N NI	* 11	Z AI	≥ 5/16	N N	AI O
CEILING	57.9	75.2	1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2				18.
× 20000	6000	78.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.
18000	60.09	72.2	-	81.2	81.2	2.10	81.2	81.2	81.2	81.2	81.2				81.2	
00091 A	61.7	79.0	~	82.0	82.0	95.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
	62.4	19.7	:	82.7		82.7	82.7	82.7			82.7	~	7	82.7		
12000	62.4	79.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.
	4.29	79.7	82.7	82.7	82.7	62.7	82.7	82.7			82.7	~	2.			
900	62.4	79.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.
	62.4	79.7	82.7	82.7	82.7	1000	82.7			~	82.7	2	2.		82.7	
141	62.4	79.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7		82.7	82.7	82.
1	4.20	79.7	82.7	82.7	82.7		82.7					2				
900	62.4	79.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	N	82.7		~	82.7	82.7	82.
	95.4	79.7	-		2	82.1	82.7	2	82.7		2.	82.7		82.7		82.
900	63.5	80.9	83.5	83.5	83.5	63.5				83.5			3	83.5		83.
	63.2	80.5	:		83.5			83.5			3			83.5	3.	83.
3000	63.9	81.2	84.2	84.2	;				;	_	;		;			
	63.9	82.0				85.0		85.0	85.0	85.0			5	85.0	5	85.
2000	64.7	82.7	85.7	85.7	3	-			3		5		2	š	è	
	64.7	82.7	85.7			85.7		85.7				3		85.7	85.7	
1300	2.99	84.2	-	87.2	87.2	87.2	87.2	87.2	-	-	87.2	87.2	-		87.2	87.
	67.7	85.7		88.7		88.7			88.7	88.7		•	3		8	88.
90	70.7	88.7	~	92.5	92.5	92.5	92.5		92.5	92.5			2.		92.5	
	70.7	89.5	0.06	0.46			0.46	0.96		0.46	0.46			0.46	*	
8	70.7	90.2	:	99.5		95.5	:	3	s	95.5	:	95.5	3		95.5	95.
	70.7	90.2	1.46		3		3	2	3	(C2021)	5	5		3		
8	70.7	91.0	:	97.0	97.0	97.0	-	97.0	-	97.0	97.0	97.0	-	97.0	97.0	
	70.7	92.5	97.7		8	98.5		1	8	1		8	8	8		
8	70.7	92.5	:	98.5	8	0	99.3		99.3	66.66		0	99.3	99.3	99.3	66
	70.7	92.5	97.7	68.8		86.3	60.3	86.66	6				6	86.3	99.3	.66
700	70.7	92.5	97.7	98.5		66.3		86.66	99.3	99.3	99.3	9.3	000	10000	0	100
	10.7	95.5	1.16	68.8	68.5	66.3	66.3	64.3	66.3	66.3	66.3	. 3	0.001	0.001	0000	1001
	-	-	-													

TOTAL NUMBER OF OBSERVATIONS

133

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BUDE

CEILING VERSUS VISIBILITY JAN 7

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR

2000

19 HOURS (1.5.T.)

CEILING (FEET)	2	AI AI	8 41	7	21	≥ 2%	VISI8	1111Y (STA	VISIBILITY (STATUTE MILES)	(S)	*	* 1	% %	2 5/16	× AI	0 1
CEILING 2000					70.0	70.0		70.0	70.0	70.07	70.0	70.0	70.0	70.07	70.0	70.0
00091					70.0			70.0		70.07			0.0	70.0	0.0	70.07
14000			10.0				0.0	70.0		70.07						70.07
900				70.0		70.0	000	70.0							Of Bracketters	70.07
900							00			70.07	70.0			70.0	70.0	70.07
98			70.0			70.0	00				70.0		The state of the s		70.07	
333					00	70.0	00								The state of the s	
3300			10.0		00	70.0	00			70.07	70.0					
2000					00		00			70.07			The Section Se			About Bard
905	50.0	65.0	0.0	0.0	0.0	70.0		000	0.0		000	0.00	000	70.0	70.0	70.0
88					20		00						- L			
88					00					1000						200
88			75.0	00	00	75.0	75.0			200			200	200		75.0
88			00	0.0	0.06	0.08	00	90.0	90.0	00	90.0	90.0	90.0	00	90.0	90.0
300			00	95.0	0.0	00.00	00	00	•	.0	00.00	95.0	00	100.0	00.00	
80			90.0	95.01	00.00	10.00	00.00	00.00	00.00	00.00	00.00	000	000	00.00	00.00	000

0

TOTAL NUMBER OF OBSERVATIONS

0 0

22 HOURS (1.5.7.) APR

0 0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

**CEILING VERSUS VISIBILITY** 

2 5/16 2 Al ٨١ % N

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¥1 ×

71 72

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2 21/2

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AI

2

NO CEILING

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1 VI VI 00061 00061

0

0

VIVI 88

0

9000 AI AI

300

1800

ALAL

1200

ALAL

88

AIAI

88

MAIA

88

AIAI

88

ALAI

8.

ALAI

0

٨١

AI

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

71.9

82.2 82.3

86.2

# CEILING VERSUS VISIBILITY

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

HOURS (L S.T. ALL

APR

0 Al

71.9 72.4 72.1 72.4 71.4 71.9 0.1 7:17 71.9 72.2 VISIBILITY (STATUTE MILES) 72.2 72.6 71.9 71.9 4

NO CEILING

Y 2000

VI VI 00091 00091

0

VI V 1200 1200

0

78.3 0.64 72.4 72.9 74.1 76.1 77.1 72.1 0.64 73.4 78.3 76.1 74.1 76.1 73.4 78.3 72.9 76.1 1.1 78.3 76.1

73.2

75.9

75.9 75.9

75.9

75.9

70.5 72.6 73.6 72.6 73.6 73.6 75.6

3000

69.4 71.4

4500

4.69

900

2000 2000 2000

73.2

76.9 76.9 76.9 78.1 78.1

78.8

78.8

78.1

78.1 78.8

78.1

77.8

74.8

2000

ALAI

82.0 82.0

82.0

82.0

80.5 82.5 83.5

82.2

88

ALA

84.2

88

88

8 8

78.6 80.6

62.8

900

86.0 86.0

86.0

86.0

83.8 83.8 83.8

86.0 86.2 86.2 86.2 86.2 86.2 86.5 86.5 87.9 82.2 84.0 88.9 89.7 82.2 84.0 84.0 88.9 88.9 82.2 6.06 94.3 84.0 82.2 89.6 89.7 82.0 88.7 83.8

TOTAL NUMBER OF OBSERVATIONS

80

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

0 10 MAY AI ≥ 5/16 2 \* % Al PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) Ā VISIBILITY (STATUTE MILES) ¥1 × 77 ۲ ۱۸ 2 2% ٨١ SAN NICOLAS, CALIFORNIA 4 17 4 2 1 NO CEILING VI VI 16000 (FEET) 12000 VI VI 7000 7000 9 8 AI AI VIVI 4000 3000 1 N I A VIVI 88 88 38 \$8 88 88 ALAI AIAI

DIRNAVOCEANMET SMOS

MAY

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

0.4 HOURS (1.5.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							5	SIBILITY (	VISIBILITY (STATUTE MILES)	(Salu						
	01 41	AI	S AI	1	S AI	≥ 2%	N N	VI %1	¥1 X	Ä	AI X	* 1	N N	> 5/16	V VI	٨١
NO CEILING																
0091 YI YI 00091 YI																
Y 14000																
900 900 900																
V V 8000		1						J. Communication								
9000 AI AI								7								
V 1 4500																
N 3000																
17 17 2000																
1800 1500																
VIVI 0001														1		
88		100.0100	100.0	100.0	100	0100.0100.0100.0	100.0100.0100	1000	0100	0100	1000	0100.0100.0100	100	1000	.0100.0100.0100	0100.0
88		100.0	100.0	100.0	100	•0100 •0100	100	1000	0100	0100.0010	0010	00.0100.0100.0100.0100.0100.0	1000	1000	0100	0100.0
88		100.0100	100.0	0100.0100.0100.	100	0100.0	100.0	1000	00.0100	0.0010	0100	00.00.000.0000		0.0010		0100.0
288		100.0	100.0	0010-0010-0010-	100.0100	00	100.0	1000	0010-0010-0010-001	0010	0100.	00.00.0010.001		0100.0	_	
80		100.0	100.0	0100.0100	100.0	• 0100 • 01000 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 01000 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 01000 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100 • 0100	100.0	100.0100.0100	00100	.0100.	0100.0	0100.0010		0.0010	.0100.0100.0100.	0010

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

0

0

0

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (1.5.7.) MAY

0

CEILING							VISII	BILITY (STA	VISIBILITY (STATUTE MILES)	S						
(FEET)	2 1	٨١	80 Al	1	6 VI	2 2%	7 2	¥1 ×1	71	- -	* 11	*	Z AI	≥ 5/16	N AI	0 1
	20.0	30.3	32.3	32.9	33.6		34.2					•		*		36.1
N 20000	-		34.5	34.0	35.5	35.5	•	30.0	30.8		30.0	20.0		30.0	•	30.1
	-		34.5	34.8	35.5	3	36.1	30.8	30.8	•		•	30.8	•	30.8	38.1
> 16000	:		34.5	34.8	35.5	35.5	36.1	36.8	36.8	36.8	36.8	36.8	36.8	•	36.8	38.1
	-		34.2	34.8	35.5	35.5	36.1		36.8	36.8				.0		38.1
12000	:		34.2	34.8	35.5	33.5	36.1	36.8	36.8	36.8	36.8	36.8		36.8	36.8	38.1
	:		34.2	34.8	35.5	35.5	36.1	30.8	36.8	36.8					36.8	38.1
900	-		34.2	34.8	35.5	35.5	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	38.1
			34.2	34.8	35.5	35.5		36.8				36.8			36.8	38.1
700			34.8	35.5	36.1		36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.7
			34.8	35.5	36.1	0		37.4	37.4			37.4	37.4	37.4	37.4	38.7
141			34.8	35.5	36.1	36.1		37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	38.7
				35.5	36.1	0		37.4	37.4	-	37.4	37.4	37.4	-	37.4	38.7
8			35.5	36.1	36.8	36.8	37.4	38.1	38.1		38.1	38.1	38.1	8	38.1	39.4
The second			36.1	9	37.4		38.1	38.7	38.7		38.7	38.7	38.7	38.7		40.0
3000				36.8	37.4	37.4	38.1	38.7	38.7	38.7	38.7	38.7	38.7		38.7	40.0
To a			37.4	38.1	38.7		39.4	0.0%	0	0	40.0	0.05	40.0			
7 2000				38.7	39.4			-	40.7	40.1	40.7	40.1	40.4	40.4	40.4	41.9
				38.7	39.4		0.04	40.7	40.1		40.7	40.	40.7		40.7	41.9
1500			40.7	41.9	45.6	45.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	45.2
				44.5	45.2	45.2		40.5	46.5	. 9		40.5	0			47.7
8				47.7	48.4	48.4	0.64		49.7	50.3	50.3	50.3	50.3		50.3	51.6
			3	54.2	24.8		58.8	56.1	1.95	. 9	56.8	26.8	50.8		0	58.1
8				58.1	99.4	29.4	0.09	60.7	60.7	61.3	61.3	61.3	61.3	:	61.3	62.6
			0	61.9	63.2	2.69		The state of	64.8	65.2		2.59	65.2		65.2	66.5
3			63.9	65.8	4.89	68.4	0.69	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.6
				71.0	74.2		75.5	76.1	76.1	•		16.8	16.8	•	0	78.1
8			69.7	72.9	16.8	76.8	78.1	19.4	19.4	81.3	81.3	81.3	81.3	-	81.9	83.2
			11.0	74.2	78.1		80.7	81.9	61.9	83.9	83.9	83.9	83.9	84.5	84.5	85.8
> 200			71.0	74.2	19.4	80.0	81.9	83.9	83.9	83.8	86.5	86.5	87.1	87.7	87.7	89.7
YI 8	39.4		11.0	74.2	19.4	0	81.9	63.9	83.9		87.7	1.18	98.4	6	89.7	8.96
	37.4	05.8	0.1	7001	79.4	0000	61.6	400	6.60	6000	21.		4.00	000	10.3	000

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

51.6

50.3 50.3 83.9 83.9

83.9

78.1

78.1

78.1

78.1 83.9

78.1 83.9

1.87

76.8 78.1 82.6 83.9

83.9

81.9

81.9

80.7

72.3

74.8

46.5 46.5

88

ALAI

81.9

46.5

88

AI AI

46.5

88

ALAI

40.5

80

AI AI

87.7 87.

87.7

91.6

91.6

91.0 91.0

## **CEILING VERSUS VISIBILITY**

SAN NICOLAS, CALIFORNIA

93116

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

NO CEILING

(FEET)

VI VI 00081 00081

V1V 12000

MAY MONTH

200

10

٨١

48.4 48.4 48.4 74.2 0.64 50.3 50.3 51.6 59.4 72.9 47.7 67.7 47.7 0.64 51.6 45.2 50.3 74.2 45.8 47.7 59.4 44.5 45.2 45.2 61.3 47.7 50.3 72.9 44.5 47.7 47.7 47.7 2 5/16 48.4 48.4 45.2 74.2 41.7 51.6 50.3 44.5 47.7 50.3 47.7 66.5 67.7 67.7 67.7 67.7 67.7 67.7 45.8 45.8 47.7 2 ٨١ 50.3 51.0 72.9 47.7 50.3 59.4 74.2 45.2 45.2 44.5 47.7 47.7 47.7 \* 50.3 49.0 74.2 45.2 21.6 72.9 45.8 47.7 47.7 48.4 48.4 45.2 47.7 47.7 50.3 59.4 44.5 47.7 **%** PERCENTAGE FREQUENCY OF OCCURRENCE 45.2 45.2 45.2 45.2 45.2 45.2 45.8 45.8 49.0 50.3 50.3 50.3 58.7 58.7 59.4 59.4 59.4 74.2 72.9 <u>\_</u> VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 50.3 50.3 74.2 47.7 4.84 4.84 47.7 47.7 47.7 72.9 7 45.2 47.7 72.9 74.2 47.7 72.9 48.4 49.7 66.5 71.6 47.1 44.5 47.1 47.1 47.1 47.7 49.7 7 65.8 48.4 47.1 47.1 71.0 49.7 47.7 1 2% 58.1 58.7 58.7 47.1 43.9 45.2 45.2 44.5 44.5 47.1 47.1 47.1 48.4 49.7 65.8 41.0 72.3 47.1 49.7 47.7 47.7 60.0 60.7 60.7 ۸I 47.1 48.4 0.17 47.1 47.1 65.8 72.3 43.9 47.1 44.5 49.7 44.5 47.1 VI 71.6 45.2 48.4 65.2 58.1 10.3 47.1 47.1 43.9 44.5 44.5 47.1 49.7 43.9 47.1 44.5 47.7 ۲۱ ۱۸ 61.9 67.1 43.9 45.2 54.8 4.89 41.3 43.9 43.9 41.3 41.3 46.5 40.7 41. 34.8 39.4 31.0 31.0 31.6 43.9 36.1 43.9 30.3 31.0 29.7 29.7 29.7 29.7 2

9000

3 3

ALAI

7000

MAIA

G

3000

2500

MIM

1500

MIM

88

MIAI

88

AIAI

TOTAL NUMBER OF OBSERVATIONS

98.1

93.6

93.6

89.0

155

SOMS DIRNAVOCEANMET

#### 5703

CEILING VERSUS VISIBILITY

## **CEILING VERSUS VISIBILITY**

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

HOURS (LS T.

MAY

99.4100.0100.0100.0100.0100.0100.0100.0 0 1 71.0 71.0 71.0 71.0 72.9 0.69 0.1 71.6 91.6 71.6 71.6 74.2 78.1 71.0 81.3 91.6 71.0 71.6 4.89 71.0 71.0 68.4 0.69 0.69 11.0 4.16 0.17 72.9 78.1 74.2 89.7 94.2 8.46 70.3 11.0 81.3 87.7 71.0 71:0 71.6 0.69 0.69 89.7 89.7 81.3 81.3 71.0 71.6 71.0 72.9 91.6 0.69 71.0 78.1 87.7 94.2 8.46 81.5 91.6 71.0 71.0 71.6 72.9 2.46 4.66 4.66 71.0 0.17 71.0 11.0 72.9 72.9 0.69 0.69 71.0 71.0 71.6 81.3 71.0 74.2 78.1 91.6 4.89 71.0 71.0 71.0 8.46 94.2 87.7 VISIBILITY (STATUTE MILES) 74.5 0.69 71.0 71.0 71.0 71.6 2.46 71.0 81.3 71.0 0.69 0.69 71.0 91.6 78.1 71.0 71.0 2.46 71.0 71.0 71.6 71.6 71.0 72.9 72.9 81.3 81.3 87.7 87.7 74.2 91.6 71.0 11.6 71.0 94.2 94.8 70.3 0.69 0.69 11.0 71.0 78.1 71.0 0.69 69.0 71.0 71.0 71.0 71.0 78.1 91.6 71.6 74.2 71.0 2.46 70.3 72.9 93.6 81.3 N Al 20.3 77.4 10.3 71.0 71.0 72.3 70.3 91.0 87.1 88.4 89.0 92.9 93.6 80.7 71.6 76.8 80.0 86.5 90.3 67.1 69.0 70.3 92.3 1.69 67.1 67.7 69.7 69.7 69.7 N Al 63.2 63.2 63.2 10.3 16.8 61.3 63.6 73.6 63.2 63.2 63.6 63.2 80.7 43.9 45.8 0.64 000 51.0 40.0 45.6 45.6 43.2 45.6 21.0 47.1 40.7 6.14 NO CEILING VI VI 0003 0003 3000 2500 80 (FEET) ¥ 20000 Y 1 4 000 1 Y 1 2000 1500 88 450 450 400 400 88 88 88 88 988 AIAI AIA ALAI AIAI AI AI AIAI AIAI

TOTAL NUMBER OF OBSERVATIONS

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16 HOURS (L S.T.) MAY

CEILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MIL	ES)						
(1	2 41	AI AI	8	AI AI	S AI	> 2%	2 41	¥2 Y1	¥1 VI	Ā	AI N	*	Z AI	2 5/16	N N	0 AI
NO CEILING		60.	63.9	64.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
91 V 1 V 1 V 1 V		67.	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
and the second second	44.3	67.	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
		68	72.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
F 202 19	:::	68.	73.0	73.8	73.8	73.8		73.8	73.8	73.8		73.8	73.8	73.8		73.8
		68.	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
		68.	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8		73.8	73.8
		68.	m m	73.8	73.8	73.8		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1 N I N I N I N I N I N I N I N I N I N		72.	73.8	74.6	74.6	77.1	74.6	74.6	74.6	74.6	74.6	77.1	77.1	74.6	77.1	74.6
	50.0	73	82.0	82.8	85.8	1		77.9	- N	77.9				2.3	82.8	
VI VI 1000		81.	85.3	89.3	89.3	89.3		89.3	86.1	00		89.3	89.3	00.	89.3	89.3
88		83.	91.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4		93.4	93.4			1000
VIVI 88		9 4	91.6	94.3	94.9	94.9	;;	94.3	94.3	94.3	94.3	94.3	94.3	* *	94.3	94.3
71 VI		85.	93.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
88 AIAI		85.	93.4	98.4	98.4	98.4	10000	100.001	100.001	99.2	0.001	100.001	100.00	100.00	99.2	99.5
80		85	93.4	98.4	98.4	99.2	100.001	100.0	100.0	100.0	100.001	100.0	100.0	100.0	0.001	0000

TOTAL NUMBER OF OBSERVATIONS

122

SOMS DIRNAVOCEANMET

**CEILING VERSUS VISIBILITY** MAY

19

HOURS (L S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1

\*

× N

<u>~</u>

¥1 ×1

¥ 1%

7

2 2%

۳ ۸۱

4

VI Al

4

2

(FEET)

NO CEILING

VISIBILITY (STATUTE MILES)

VI VI ≥ 5/16 2 N

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

VIVI VIVI 88 88 88

88 83

ALAI

VIVI 450

3300

Y 2500

1500

ALAI

9 00 AI AI

88

ALAI

80

ALAI

0

VI N

20

22 HOURS (LS.T.)

MAY

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

\_ ^I 7 1 71

۲ ۱۸

Y 2%

۳ ۸۱

4

N Al

o Al

2

NO CEILING

0

VI VI 00091 00091

0

VI VI 000 000 000

VI VI 800 800

0

0

9000 AI AI

VIVI 4500

3000

7

\*

≥ 5/16 AI

17 IV IV

1500

ALAI

1200

ALAI

88 58

MINI

88

MINI

88

80

0 0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

73-77

CALIFORNIA

TACHMENT, ASHEVILLE, NC.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

HOURS (L S.T. MAK ALL MONTH

=

0

57.0 58.5 65.3 56.8 59.2 59.5 76.9 77.2 54.4 54.8 9.09 0.09 0.09 54.9 54.9 55. 0 54.6 54. 82.3 82. 56.6 57.0 57.3 0.59 72.8 19.4 85.4 50.5 54.8 50.5 58.2 58.2 56.5 6.45 89.5 67.7 57.3 59.5 56.5 54.4 54.6 54.9 56.5 56.6 19.4 55.6 54.4 56.5 65.0 16.9 92.4 51.0 54.8 72.8 85.4 89.5 67.7 82.3 95.2 96.4 8.96 57.3 59.2 4.64 85.4 56.5 58.2 58.2 0.09 65.0 92.2 72.8 82.3 96.6 55.6 55.6 55.6 55.6 50.5 56.5 56.5 50.5 56.5 56.5 56.6 56.6 89.5 89.5 54.8 34.6 54.9 54.9 54.9 54.9 54.9 54.9 57.0 57,3 54.8 65.0 79.4 85.4 59.5 0.09 67.7 82.3 21.0 1.56 54.9 56.5 56.5 72.8 6.91 54.4 92.2 1.96 96.4 54.4 \* 56.6 57.0 59.2 65.0 85.4 54.9 79.4 54.4 54.8 56.5 56.5 82.3 92.2 57.8 58.2 58.2 58.2 58.2 0.09 0.09 0.09 0.09 72.8 76.9 76.9 88.8 89.3 89.3 89.5 89.5 67.1 % ^! 59.2 79.4 54.6 56.5 57.3 57.3 57.3 65.0 65.0 65.0 56.5 56.5 56.5 56.6 56.6 56.6 72.8 85.4 51.0 95.9 54.4 54.9 54.9 82.3 91.3 92.2 6.96 95.8 98.9 54.4 54.8 <u>\_</u> 59.5 24.6 84.8 85.2 94.2 72.6 82.1 56.5 56.5 79.3 79.3 76.7 76.7 71 72.6 91.3 59.5 0.59 9.49 54.9 84.7 85.2 93.9 54.8 81.0 82.1 7 7 57.0 4.19 54.3 55.3 56.1 54.1 54.4 54.1 56.1 56.1 1.95 56.6 58.8 72.1 76.2 92.9 54.6 95.4 92.9 56.3 7.06 59.5 59.7 AI 56.1 56.0 56.0 78.4 54.3 34.4 56.0 56.0 56.8 64.5 71.8 84.4 54.1 56.5 81.3 75.9 58.7 57.7 64.5 58.5 78.4 26.0 56.0 56.0 67.2 55.1 56.0 56.1 56.5 8.95 71.8 75.9 84.2 87.9 53.9 54.4 54.4 57.7 58.7 89.3 90.8 90.06 90.06 50.5 54.1 79.1 80.6 81.1 54.3 ٨I 55.6 86.6 55.6 75.5 55.6 53.6 55.6 8.99 77.9 77.0 84.9 88.6 53.9 55.8 56.8 57.3 64.1 71.4 83.3 88.8 56.5 58.3 87.8 53.7 53.6 54.1 54.1 56.1 59.2 A 55.1 0.99 26.0 63.3 55.1 55.3 81.6 33.6 50.3 54.3 75.9 83.5 53.2 55.6 54.8 58.7 53.1 53.4 55.1 87.8 4.01 68.5 74.3 84.4 55.1 76.7 84.9 84.9 A 59.2 51.2 52.0 10.6 77.0 51.2 52.9 73.0 49.2 49.7 51.2 34.7 51.4 74.7 76.7 77.0 51.2 49.7

35.4

3500

...

35.0

33.0 33.0

35.8

32.7

34.5 34.5

34.5

34.5

88

-

36.2

2500

AI AI

38.8 40.1

1500

AI AI

36.7

35.5

45.0

1200

AI AI

44.7

45.4

88

AIAI

47.3

88

AI AI

47.3

88

47.3

80

ALAI

47.3

46.9

88

AI AI

46.3

TOTAL NUMBER OF OBSERVATIONS

588

SOWS DIRNAVOCEANMET

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

S NEWS

050

01 HOURS (1.5.7.)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
•	2	AI	8 41	AI AI	E AI	> 21/4	2 4	V1 V	×1 ×1	-	% Al	* 11	Z N	≥ 5/16	AI X	٨١
NO CE																
**																
8 8 AI AI															•	
8 8 8 8 8 8																
88 MAI								,								
8 8 8 8 8 1 Al																
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4																
3000																
17 17 2000																
71 Y1																
Y Y 1200																
8 8 AI AI																
VI VI 808																
80																100.0

SWOS DIRNAVOCEANMET

0

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICULAS, CALIFORNIA

93116

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

040 HOURS (1.8.1)

7 1

¥ 7

7

7 2%

M Al

4

41

4

2

CEILING (FEET) NO CEILING

VI VI 00091 00091

VI VI 0000 0000 VI VI 2000 7000 9 00 AI AI

VISIBILITY (STATUTE MILES)

17 IV IV

VIVI 900 88

MAIA

3000

ALA

4000

ALAI

88

88

ALAL

TOTAL NUMBER OF OBSERVATIONS

0 0

100.0100.0

DIRNAVOCEANMET SMOS

8.

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93116

NO CEILING

(FEET)

VI VI 18000 16000

VIVI 900 000

VI VI 7000

9000 AI AI

VI VI

330

73-77

YEARS

8T.1		0 11	35.3	36.7	36.7	36.7	37.3	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	40.7	41.3	43.3	43.3	47.3	20.0	51.3	25.0	54.7	28.0	63.3	67.3	73.3	82.0	90.1	1.86	000
07 1) SUIDE		N N	33.3	34.0	34.0	34.0	34.7	35.3	30.0	36.0	36.0	36.0	30.0	36.0	36.0	36.0	30.0	38.0	38.7	40.7	40.7	44.7	47.3	48.7	49.3	0		0.1	1.	1	6.9	7.3	0	1/076
	-	≥ 5/16	33.3	34.0	34.0	34.0	34.7	35.3	36.0		9	36.0	30.0	36.0	36.0	36.0	36.0	38.0	38.7	40.1	40.7	44.7	47.3	48.7	•	52.0	55.3	60.7	1.40	70.7	6	86.0	100	1006
		Z AI	33.3	34.0	34.0	34.0	34.7	35.3		36.0	30.0	36.0	30.0	36.0	30.0	36.0	30.0	38.0	38.7	40.7	40.7	44.7	6.	48.1		52.0	55.3	60.7	64.7	70.7	79.3	85.3	M (	07.3
		* 11	32.7	33.3	33.3	33.3	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3		35.3	3	37.3	38.0	40.0	0.04	***		48.0	48.7			0	•	10.0		82.7	0.40	2000
ш		* Al	32.7	33.3	33.3	33.3	34.0	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	37.3	38.0		0.04	44.0	46.	48.0	48.	51.3	24.	0.09	0.49	70.0		82.7	0.0	2000
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	.ES)	-	32.7	32.7	32.7	32.7	33.3	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7		36.7	•	39.3	39.3		46.0	-	48.0		24.0	59.3	63.3	69.3			81.9	010
FREQUENCY OF OCCUR	VISIBILITY (STATUTE MILES	¥1 ×	32.7	32.7	32.7	32.7	33.3	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	36.7	3	39.3	39.3	43.3	46.0	47.3	0.84		24.0	59.3	63.3	69.3	11.	80.	•	0000
Y OF	IBILITY (ST	¥1 Y	32.7	32.7	32.7	32.7	33.3	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7		0	-	39.3		43.3	0.04	47.3	0.04	0	24.0	59.3	63.3	69.3			0	80.0
UENC	VIS	7	32.0	32.0	32.0	32.0	32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0	eer	-545	34.0	36.0	36.7	38.7	38.7	42.7	45.3		47.3		52.7	58.0	60.7	66.7	73.3	74.7	74.7	
FREG		Y 2%		32.0	32.0	32.0	32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0		36.0		38.7	38.7	42.7	*				52.		1.09	65.3	10.1	72.0	12.0	12.0
ENTAGE (FROM		e Al		32.0		32.0	32.7	33.3	34.0	34.0		34.0	34.0	34.0	34.0	34.0	34.0	36.0	36.7	38.0	38.0	42.0	44.	46.0	1004		2	57.3	0	64.0	69.3	70.7	70.7	100
PERCE!		4	32.0		32.0		32.7	33.3	34.0	34.0	34.0	34.0	34.0	34.0		34.0	34.0	36.0	36.7	38.0		42.0	0.44	45.3	40.0	48.0	51.3	56.7		62.0	99	68		0.00
		\$ 1	32		32		32		34		34		34		34	34	0.00	36	36	38.	38	100	5.00	;		40		31.5	MAG		63.	99	0000	
		9 71	31.	31.	31.	31.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	34.	35.	36.	30.	40	45.	45.	45.	*	.00	51.	52.	55.	58.	59.	59.3	24.
		N 70	20.0	20.0	20.0	20.0	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	23.3	23.3	24.7	24.7	28.7	29.3	29.3	29.3	30.0	31.3	32.0	32.0	32.7	32.7	32.7	32.7	26.1

Y 1 2000

1200

88

ALAI

58

88

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

80

ALAI

0

0

AI AI

0

AI AI

0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

SAN NICOLAS, CALIFORNIA

93116

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

S I

HOURS (L S.T 2

51.3 63.3 52.0 53.3 53.3 53.3 56.7 51.3 51. ٨١ 24.0 63.3 20.0 52.0 0.09 51.3 51.3 51.3 51.3 70.7 78.7 52.7 × 11 50.0 51.3 54.0 51.3 52.0 0.09 51.3 51.3 51.3 51.3 51.3 56.7 63.3 76.7 88.0 88.0 51.3 51.3 52.7 7007 73.3 78.7 82.7 51,3 2 5/16 51.3 24.0 0.09 51.3 51.3 51.3 51.3 52.0 53.3 51.3 51.3 51.3 51.3 70.1 52.7 73.3 76.7 51.3 51.3 56.7 78.7 2 ٨١ 52.0 52.0 53.3 53.3 53.3 63.3 51.3 24.0 0.09 68.0 88.0 88.0 50.0 51.3 511.3 51.3 51.3 51.3 51.3 51.3 7007 73.3 76.7 82.7 50.7 51.3 56.7 92.0 ٨١ 54.0 70.7 70.7 70.7 51.3 51.3 51.3 51.3 51.3 56.7 0.09 97.3 20.0 51.3 51.3 51.3 73.3 82.7 50.0 50.7 51.3 51.3 76.7 78.7 % N 52.0 52.0 24.0 73.3 92.0 50.0 51.3 20.0 0.09 0.09 51.3 51.3 51.3 51.3 51.3 51.3 51,3 51.3 51.3 51.3 E • 1 5 51.3 51.3 56.7 78.7 82.7 82.7 -VISIBILITY (STATUTE MILES) 54.0 51.3 51.3 53.3 95.3 51.3 51.3 73.3 51.3 51.3 51.3 51.3 56.7 78.7 AI 63.3 63.3 52.0 52.0 54.0 51.3 0.09 76.7 56.7 56.7 51.3 51.3 51.3 ٨I 54.0 50.0 51.3 51.3 87.3 51.3 51.3 76.7 93.3 51.3 51.3 0.09 73.3 51.3 82.7 78.7 ۲ ۸۱ 52.0 56.0 51.3 53.3 75.3 59.3 69.3 50. 50.7 20. 50.7 50.7 50.7 52.7 80.7 2 2% 52.1 56.0 51.3 52.0 59.3 87.3 50.0 69.3 72.0 75.3 6.65 50.7 50.7 50.7 50.7 50.7 80.7 84.7 50.7 62.7 50.7 100 200 76.7 50.7 88. M M 58.0 6.64 49.3 51.3 52.0 49.3 49.3 50.0 0.07 73.3 48.7 6.69 69.3 67.3 78.0 49.3 49.3 49.3 50.7 54.0 54.7 79.3 81.3 51.3 58.7 60.7 83.3 14. ٨١ 76.0 50.0 0.89 57.3 48.7 51.3 48.0 65.3 71.3 48.7 48.7 80.7 48.7 50.7 48.7 72.7 11 34.0 48.0 \*\*\* 43.3 43.3 43.3 43.3 43.3 43.3 43.3 48.3 59.3 42.7 43.3 56.7 61.3 68.7 04. ۸۱ 0.00 30.0 30.0 30.0 30.0 40.0 30.0 30.0 30.0 30.0 30.0 30.0 31.3 36.0 31.3 39.3 41.3 41.3 30.0 30.7 2 1 NO CEILING VI VI 00091 00091 0000 2500 80 (FEET) 12000 2000 88 88 Y 2000 900 900 3000 88 88 88 88

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AI AI

0

150

TOTAL NUMBER OF OBSERVATIONS

ALAI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOT HOME

0 2 0

13 HOURS (1 S.T.)

		40	0	Ø	00	8	5	2	5	2	S	2	3	5	10	2	-	-	00	00	~	0	0	0	6	3	m	-	3	0	0	0	0
	٨١	90			69.	69	10	10	50	70.	10.	10.	6	10.	6	20.	71:	7	73.	73.	81.	82.		87.		93.		98.	66	001	100	00	100
	N N	4.40	:			69.8	70.5				70.5			0	70.5			•	73.8		81.2	82.6			89.9	93.3	97.3	98.7	99.3		100.00	00.00	10000
	≥ 5/16	4.40		0 . 0			70.5		0		70.5	0		0	70.5	70.5	71.1	-	3	73.8	=	82.6	•	-		93.3		98.7		0000		0	0000
	N X	4.40			•.											10.5			73.8	•	81.2			87.9		63.3		48.7	66.3	00.00	00.00	0	00.00
	* 1	4.40			69.8											70.5			73.8		81.2	82.6		-		63.3		48.7	99.3	00.00		0	00.00
	% Al	4.40			69.8		70.5									70.5			73.8		81.2					93.3	•	48.7	66.3		100.00		100.00
S.	-	4.49			69.8	. 6		0	0	ċ	70.5	0				0	71.1	-	73.8	3	81.2	2		87.9		63.3		98.7		0000	00.00	0.00	0.00
VISIBILITY (STATUTE MILES	71 7	4.40									70.5					70.5			13.8		81.2	82.6			66.68	3.	97.3	7.86	66.3	0	00.00	00.00	00.00
BILITY (STA	N 1 %	4.49									70.5					70.5			13.8		81.2	2.		-		93.3	-	48.7	99.3	00.00		0	
VISI	14 2			•	•	6		ċ			70.5	0		0		70.5				3.	81.2					93.3	-		66.3		99.3		99.3
	≥ 2%	4.40	-		6	.6	70.5		70.5		70.5	0	70.5	0		0		-	73.8	3	-		86.6	61.9	6	93.3	-	7.86			6	66.3	
	e Al	4.40	:				70.5				70.5				70.5		71.1		73.8		81.2	82.6	•	87.9		93.3	-	98.0		198.	98.7	1.86	
	4	63.8		69.1	69.1	6	8.69	6	8.69	6	8.69	6	69.8	6	69.8	8.69	70.5	0	73.2		6	81.2			88.6			0.96		90.96	90.96	90.06	
	\$ 41	4.29	•	•	67.1	67.1			The same		67.8	•			67.8	67.8	•	68.5	71.1	•		79.2	•	84.6	86.6	•	92.0	•	92.0	0.26	•	0.26	•
	9 41	57.7	4.20	4.20	62.4	62.4	63.1	63.1	63.1	63.1	63.1	-	63.1		63.1	63.1	63.8		4.99	-	30,000	73.2	1000			-			100	-	83.2	-	100
	5 7	37.6														40.3							47.7	47.7	48.3			50.3			50.3		
CEILING	(FEE)	NO CEILING	2 2000	≥ 18000			2 12000	1000	8		141	0.2	9000	1	909	100	3000	100.3	7 2000	MI.	150	133	90		8		8		8		38		٥

TOTAL NUMBER OF OBSERVATIONS

149

SMOS DIRNAVOCEANMET

70.3 70.3 70.3

10.3

70.3

70.3

70.3

70.3

70.3 10.3 71,2

70.3

70.3 70.3

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10.3

70.3

10.3

70.3

65.8 65.8

4500

2000

72.1 73.9

70.3

70.3

CEILING VERSUS VISIBILITY

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

HOURS (L S.T.) NOT 16

> 10.3 70.3 70.3 4.69 70.3 70.3 70.3 70.3 70.3 70.3 6.000 70.3 PERCENTAGE FREQUENCY OF OCCURRENCE 4.69 70.3 70.3 VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 70.3 70.3 70.3 70.3 70.3 4.69 70.3 70.3 4.69 2007 2003 2003 70.3 70.3 70.3 1 11

> > NO CEILING ≥ 20000

(FEET)

VI VI 00081 00081

Y 1 4000

2000

ALAI

69.4

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98.2	99.1	99.1	0000	
98.2	99.1	99.1	0.0010	
98.2 98.2 98.2 98.2 98.2	99.1	99.1	0100.0100.0100.0100.0100.0100.0100.0	
98.2	1.66	99.1	0000	
98.2	1.66	99.1	0100.0100	
98.2	99.1	1.66	0100.00	
N			00	

91.0 91.0

81.1

81.1

81.1 81.1

81.1

81.1

85.6

85.6 85.6 85.6

91.0

78.4 78.4

78.4

78.4

77.5

73.0

50.5

1800

ALAI

73.9

70.3

81.1

85.6

85.6

84.

54.1

1200

ALAI

88

ALAI

95.5

40.4

98.2

95.5

55.0 55.0 55.0

88

88

74.8

73.9

73.9

73.9

73.0

46.9 47.8

2500

71.2

67.6

70.3

45.1

3000

11 11

. \* \*

74.8

85.6

78.4

TOTAL NUMBER OF OBSERVATIONS

0010.0010.0010.001

80

88

0

11

SMOS DIRNAVOCEANMET

SOMS DIRNAVOCEANMET

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88

88

0 Al 19 HOURS (1.5.7.) ٨I ≥ 5/16 AI \* × Al PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) VISIBILITY (STATUTE MILES) 1 1% 7 7 % 7 2 2% M Al SAN NICOLAS, CALIFORNIA 4 10 4 NO CEILING VI VI 00091 00091 Y 1400 17 IV VI VI 0000 0000 VIVI 7000 9 00 AI AI 4000 VI AI 3000 11 A1 A VIVI 88 1200 88 58 MAI ALAI MIAI

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

0 0

NOT

22 HOURS (1.5.7.)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 % Al 2 5/16 2 Al \* × N ~ VISIBILITY (STATUTE MILES) 71 7 V 1% 7 2 2% ۳ ۸۱ 4 1 4 2 NO CEILING Y 1 4000 VIVI 864 860 3000 VIVI 1500 88 CEILING (FEET) VI VI 000 000 000 000 V V V 9 % AI AI 120 88 88 288 80

ALAI

ALAI

MAIN

AI AI

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77 SAN NICOLAS, CALIFORNIA

				PERCE!	FROM	FREG	UENC)	SERVA	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	RENCE					ALL HOURS (LST.)	-
CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2 41	o Al	\$ AI	4	E 41	> 2%	7 7	¥1 Y	VI 7.	- -	× AI	*	Z AI	≥ 5/16	AI N	٥
O CEILING			50.1	50.8	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	52.2
¥ 20000			52.4	53.3	53.8	53.8	54.0	54.2	54.2	54.2	54.4	54.4	54.5	54.5	54.5	55.2
1				53.3	53.8	53.8	54.0	54.5	54.2	54.2	54.4	54.4	54.5	54.5	54.5	55.5
14000	32.5		52.6	53.5	54.0	54.0	54.2	34.4	54.4	54.4	54.5	54.5	54.7	54.7	54.7	\$5.4
_		40.64	6.25	53.8	54.4	54.4	54.5	54.7	54.7	54.7	24.9	24.9	1:66	55.1	55.1	55.8
1 12000			53.5	54.4	24.9	54.9	55.1	55.5	55.5	55.5	55.4	55.4	92.6	55.0	55.6	56.3
≥ 10000				54.5	55.1	55.1	55.2	55.4	55.4	55.4	92.0	55.6	55.8	55.8	55.8	\$6.5
> 2000			53.6	54.3	55.1	55.1	55.2	55.4	55.4	55.4	55.0	55.6	55.8	55.8	55.8	50.2
60				54.5	55.1	55.1	55.5	95.4	55.4	55.4	99.66	9996	55.8	82.8	55.8	50.5
200			53.6	54.5	55.1	55.1	55.2	55.4	55.4	55.4	92.6	25.6	55.8	55.8	55.8	56.5
			53.6	54.5	55.1	55.1	55.2	55.4	55.4	55.4	55.0	55.6	82.8	55.8	55.8	56.5
900			53.6	54.5	55.1	55.1		55.4	55.4	55.4	55.6	929	95.8	55.8	55.8	50.5
			53.6	54.3	55.1	55.1	55.2	55.4	55.4	55.4	55.6	999	55.8		55.8	56.5
400			53.6	54.5	55.1	55.1	55.2	55.4	55.4	55.4	92.0	55.6	93.8	55.8	55.8	56.3
		6		54.7		55.5	55.4	55.6	55.6	55.6	55.8	55.8	26.0	26.0	26.0	56.7
3000		:	54.9	55.8	56.3	56.3	56.5	56.7	56.7	56.7	80.9	56.8	57.0	57.0	57.0	57.7
		1:	55.4	56.3	86.8	56.8	57.0	57.2	57.2	57.2		57.4	27.6	57.6		58.3
7000		3.		57.9	58.4	58.6	58.8	29.0		29.0	28.5	2.65	59.3	59.3	59.3	0.09
			57.9	58.8		56.5	29.7	6.65	6.65	59.9		0.09	2.09	2.09	0	6009
> 1500		1:	65.3	63.2	63.9	04.1	64.3	64.5	64.5	64.5	64.7	64.7	8. 49	64.8	64.8	65.5
		8.	1.49	4.59	9.99	9.99	8.99	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.3	0.89
98		-	0.89	69.3	70.5	70.7	71.1	71.2	71.2	71.2	71.4	71.4	71.6	71.6	71.6	72.3
		3.	70.0	71.8	72.8	73.0	73.4	73.5	73.5	73.5	73.7	13.7	13.9	13.9	73.9	74.6
8			72.8	74.6	75.7	75.8	76.2	76.6	16.6	76.6	76.7	76.7	4.9	76.9	76.9	77.6
		1:		6.91		78.2	78.7	29.0	19.0	79.0	79.5	79.5	4.64	19.4	40.64	80.1
8		.0	78.2	80.3	81.9	82.1	82.6	83.0	83.0	83.0	83.1	83.1	83.3	83.3	83.3	84.0
		-	19.8	82.1	84.0	4.40	85.1	86.0	86.0	86.0		86.2	86.3	86.3	86.3	87.0
N 40		5.	80.8	83.5	86.0	86.5	87.7	88.8	88.8	88.8	89.0	89.0	89.5	89.2	89.5	89.9
300	3.		81.7			88.5	3006	92.0	92.0	95.4	6.26	92.5	92.7	92.7	92.7	93.4
	3.	3	61.9		88.1	88.0	9006	92.7	92.7	93.4	93.6	93.8	4.0	95.0	42.4	96.3
8	43.0	13.5	0.0	60.00		000	90.0	92.9	92.9	93.8	24.0	24.5	90.9	•	97.3	99.5
	•	•	4.70	0200	7.00	000	20.0	16.7	16.7	73.0	74.0	24.3	10.3	10.0	200	0000

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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2

CEILING (FEET)

NO CEILING

0

VI VI 00081 VI 00081

Y 14000

7000 7000

900 AI AI

VI VI 866 860

3000

V 1V 2000

1500 14 IA

88

MAIN

88

88

AIAI

80

88

ALAI

Y Y Y 1800

VISIBILITY (STATUTE MILES)

OI HOURS (L.S.T.)

0 VI Z 2 5/16

TOTAL NUMBER OF OBSERVATIONS

OFO

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

JUL ...

				PERCE (	FROM	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	DUENC RLY OF	Y OF	OCCUR	RENCI S)	ш				0.04 HOURS (1.5.7.)	
CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	AI	S AI	4	E AI	≥ 2%	2 7	¥1 Y	¥1 Y	-	% Al	*	N %	≥ 5/16	AI N	AI
NO CEILING																
00081 Y																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000	*															
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
Z 1200 Z 1000																
900																
Y Y 700																
> 500																
Y 300																
Y 100																

DIRNAVOCEANMET SMOS

=

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (1.5.T.) JUL MONTH

		0	~	2	N	2	2	2	2	2	2	2	3		2	2	2	2	0	2	4	0	2	0	4	-	10	8	0	9	4	00	ō
	O Al	28.	29.	56	29.	29.	58.		59.	0	59.	0	0		=	-	31.	31.		32.		39.	42.	\$2.	-		51.		99	78.	84.	. 56	00
			60		w	1		-	3	2	m	9	•	9		2	7	~	•	2	4	0	m		20	-	*	80	0	0	5	2	310
	VI N	20	27.	27.	27.	27.	27.	1	-		27.	28.		28.	50	29.	29.	59	29.	30	34.	37.	00		45.	40	64	55	64.		85	88	88
	91/9		•		.3	.3	•	.3										7.						6.		7		80			3	7.	-
	AI N	26			27	27			27	27		28		28				53		30				40		46	49	55		16		85	85
	%				7.3				7.3					9.0			•			0.5				6.0				5.6		9.9	1.8	4.4	4.4
	Al	2 9		2 6	2	3 2	2	3 2	2		~		~	2	~		~		~		•	•		3	*	4	4		9		2	2	8
	*		1.	-	27.	-		-	27.		-					6	6	6			:	-	0		2		6.6	55.	**		:	2	•
		0							0		m			0		2	~	7	0	2	4	0	m	•	5			20			~	2	
	AI %	20.	27	27.	27.	27	27.	2				58	28.	28.	29.		29.	29.	29.	30.		37.		400	45.	40,	40	55.	94	16.		82	
	_	0		•													•		.2			4.		m	60	5		.2	9	•	.2		.3
(ES)	AI	2	~	~	~	~	~	~	~	~	~	~	N		2	~	~		~	~		~		40	4	45	4.0	55		7.5	10	80	80
VISIBILITY (STATUTE MILES)	174	5.3	6.0		6.0				0.0		•		•	7.3										6	4.2	4.8	•	4.6	3.6	3.4	4.7	5.3	
STATU	Al			~		~	~	~	~	~	N	~	~	3			27		Line	5 29		2		m	*	*	*	0	0	4	7	3	2
LITY (	71 74	5		9	26.							-	-				27.	-				35.			*	. 44	.8		53.			75.	
VISIB		3			0															2		-	0	0	~		-	0	9	-	*	4	4
	N 2				26							27.		27		27			28	59	33	35	39	5	4			54.			73	73	73
	21/5	-	4.		4.				\$.											0.					6.				*	0.		. 2	
	Al	22	23	~	23	2	N	~	23	~	~	N	~	2	~	~	25	N	N	92	N		w	~	40	*	*	5		65	9	0	99
	es Al	2.	3	3.	3.4	3	3	3.	3.4	3.			;	4.1	3	3	:	:	:	:	:	.:			6.0		4.8	1.3	9.7		5.6	5.6	5.6
		1 2	7	7 2	7	7	7	7	7	7	7		0	0	0	0	0	0	-	3 26	9	_		4	4	*	4		<b>6</b>	5	1 6	1 6	1 0
	AI.				22.		22.	22.	22.				;	*						5		-			39.				54.		57.	57.	57.
			-		r.	-	-	-	r.	-				0		0			-	~		~					m	80.		0			100
	AI	22	22	22	22	22	22	22	22	22	22	24	24	24	52	-		-		-		-	-	-					-	20	23	23	53
	•								.5		.5																			2			
	٨١	200					_			100	0.00			20				_		_						6	-				1		
	01 3		7:1		7:1		7:1	1.	7:1	-	7:1	1.8	7.8		7.8					8.4			2	2	3		:		:	:		6.2	
	Al	10						-		-				-				-					-	-	-	-	-	-	-	-	-	=	-
CEILING	EET)	NO CEILING	20000	9000	16000	4000	12000	0000	9006	8000	2000	9009	2000	4500	4000	3500	3000	2500	2000	1800	1500	1200	1000	98	8	700	8	200	8	38	200	8	•
	•	9	Al		IAI		Ā		IAI	A	IAI	٨	IAI	A	A	٨	IAI	٨	IAI	A	A	Al	IAI										

TOTAL NUMBER OF OBSERVATIONS

154

0 0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JU NTWON

NOURS (LS.T.)

CEILING															Section 1	
(FEET)	2	9	\$ 41	4	N N	≥ 2%	1 2	%1 Y	¥1 VI	- 1	¾ Al	* 1	% Al	≥ 5/16	AI X	٨١
NO CEILING	16.1	33.6	36.8	39.4	42.6	43.2	43.2		43.9	43.9	43.9	43.9	43.9			43.
2 20000 X	16.8	35.5	38.7	41.3	44.5	45.2		45.8	45.8	45.8	45.8	*	45.8		45.8	45.8
	16.8	35.5	38.7	41.3	44.5	45.3			45.8	45.8	45.8	45.8			45.8	45.6
14000	16.8	35.5	38.7	41.3	45.2	45.8	45.8	0		46.5	46.5	4	46.5	•	46.5	46.
	17.4	36.8	40.0		46.5		47.1	47.7			41.1	47.7				4
7 12000	18.1	37.4		43.2	47.1		47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	18.1	37.4	40.7		47.1	47.7	47.7		48.4		48.4	48.4	4.8.4	48.4	48.4	48.
98	18.1	37.4	40.7	43.2	47.1	47.7	47.7	48.4	48.4		48.4	48.4	48.4	48.4	48.4	48.4
	18.1	38.1	41.9		48.4	0.64	49.0	49.7	49.7		49.1	49.1	49.7	49.7	49.7	49.
38	18.1	38.1	•	44.5	48.4	49.0	6		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
	18.1	38.1	1	44.5	48.4	0.64		49.7	4.64	45.7		*	49.7	49.7	49.7	49.
900	18.1	38.1		44.3	48.4	0.64		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.
1	18.1	38.1		44.5	48.4	0.64	49.0	49.7	49.7	49.7		*	49.7	49.7	49.7	49.
900	18.1	38.1		44.5	48.4			49.7	49.7	49.7	49.7	4	49.7	49.7	49.7	40.
	18.1	38.1			48.4			49.7	49.7	49.7	49.7	*	49.7	49.7	49.7	49.
3000	18.1	38.1		44.5	48.4	0.65	.6	49.7	49.7	49.7		4	49.7	49.7	49.7	49.
	18.1	38.1	41.9				6	49.7	49.7		6	3				
2000	19.4	39.4		46.5	50.3	51.0	51.0	51.6	51.6	51.6	51.6	1	51.6	51.6	51.6	51.6
	19.4	40.0	44.5	47.1	51.0	-	-	52.3		2	52.3	52.	52.3	52.	2.	52.
1500	21.3	43.2		51.6		56.1			56.8			5		3	56.8	56.8
1	23.2	46.5	•	55.5	29.4	0	0			0		•09	0	0	0	
8	24.5	49.0	_	58.7	62.6	63.2			63.	63.9		63.		63.9	63.9	
	25.2	51.6	58.1	61.3		050			.99			99				
8	25.2	54.2	61.3		0.69	0			71.0	71.0	71.		71.0	71.0		71.0
	25.2	56.8	63.9		74.2		75.5		0			76.		9		
8	25.5	58.7	67.1	74.2	80.7	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
800	25.2	29.4		1.91	4	89.2	-	88.4		88.4	88.4	88.4	8			
84	25.5	0.09	70.3	77.4	82.8	86.3	89.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	25.2	0.09	0.17	78.1	87.1	87.7			8.46	12217	1	95.5		5		95.
300	25.5	0.09	•	78.1	87.1	87.7	91.0	94.8	94.8		96.1	96.1	96.8	96.8	96.8	96.8
	29.5	0.09	11.0	78.1	87.1	1.18	91.0	8. 96	8. 56	1.96	1.96	1.96	1.86	0	98.7	7.66
	25.2	60.0	71.0	78.	R7.1	21 7		1	90				20	a	00	1001

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT "SHEVILLE N C AD-A060 999 SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), SAN NIC--ETC(U) UNCLASSIFIED 3 OF 4 AD A060898 C

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The same of the sa

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.T.)

CEILING																
(FEET)	2 1	o Al	so Al	AI AI	e VI	Y 2%	N AI	¥1 ¥1	¥1 V	-	* 11	* 1	AI Z	≥ 5/16	AI 2	٨١
40 CEILING	25.2	53.	135.7	64.5	66.5	66.5	60.99	60.9	66.5	66.5	66.5	9		66.5	66.5	99
> 20000	25.2	54.	60.03	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	1	67.7	67.7	67.
	25.2	54.		65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7				67.1	67.
14000	25.5	54.		65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.
	25.8	55.		66.5	4.89	4.89	4.80		4.89	68.4		9999	4.89	68.4		.89
1200	26.5	56.	61.9	68.4	70.3	70.3	70.3		70.3	70.3	70.3		70.3	70.3	70.3	20.
	26.5	56.	61.9	4.89	70.3		0		70.3	70.3			70.3		70.3	70.
8	26.5	56.	61.9	4.89	70.3	70.3	70.3		70.3	70.3	70.3		70.3		70.3	
1400	26.5	56.	61.9	68.4	70.3		0						70.3	70.3	70.3	-
38	26.5	56.	61.9		70.3	70.3	70.3	70.3		70.3	70.3	70.3	70.3	70.3	70.3	70.
10.72	26.5	56.	9.79	0.69	11.0				0.1	71.0	11.0			11.0	71.0	-
1 11	26.5	56.	-	0.69	71.0	71.0	71.0	71.0		71.0	71.0		71.0	71.0	71.0	-
	5002	56.		0										1:0	71.0	-
38	26.5		.:	0.69	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	-
1	50.92	56.	9.79	0.69	11.0	0.1	11.0			71.0						7:
88	26.5		62.6	0.69		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.
	26.5	58.		70.3	72.3			72.3	72.3				72.3	72.3	72.	•
300	27.7	59.	65.2	71.6	73.6	73.6	73.6	73.0		73.6	73.6	73.6	73.6	73.6	73.6	73.
100	28.4	90		72.3			*	74.2		74.2	74.2	*	74.2		-	
141	31.6	65.	73.6	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.	81.
	31.6	65.	13.6		81.9	81.9	81.9	1000	81.9	81.9	81.9				81.9	81.
8	32.9	69	78.1	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
	32.9	-	80.7	87.7	89.7	89.7	89.7							89.7		
8	32.9	73.	84.5	92.3	94.8	94.8	95.5	95.5	95.5		95.5	95.5	3		95.5	95.
	32.9	73.	84.5	93.6	1.96	1.96	8.96	0		96.8	96.8	0	.0	0		
8	32.9	73.	84.5	93.6	;	96.8		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
	32.9	73.	84.5	93.6			98.7	98.7		98.7	98.7	98.7	8	-	98.	
141	32.9	73.	84.5	93.6	-	97.4		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	.86
	32.9	73.	84.5		8		0000		0	0.001	0	0	0	100	100	0
8	32.9	73.6	84.5	93.6	7.86	98.7	0	100.0	Charles Co.	100.0	100.0	10000	0	ŏ	100.0	0
	35.9	73.	84.5	93.6		186	0.001	0.001	0	00001	0.001	0 0001	0.001	-	0.001	
	0	•	EL . 12		-		The state of the s	-		-						

TOTAL NUMBER OF OBSERVATIONS

155

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

A THE STREET STREET STREET, ST

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2 1	o Al	S AI	41	e Al	> 2%	7 1	¥1 ×1	VI 3.1	-	* 11	*	Z AI	≥ 5/16	N N	٨١
NO CEILING	46.4	72.2	78.4	81.4	81.4	84.5	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
		ES-1880.	81.4		84.5	84.5		84.5		7	84.5		84.5	,	84.5	84.9
009 009 009 009	48.5		81.4	84.5	;		84.5	84.5	84.5		84.5	84.5	no teacher.		84.5	84.5
	8	1000	81.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1200			82.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
		100	-	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	30	85.6	85.6	85.6	85.6
8			82.5	85.6	85.6	85.6	3		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	0	4 (1)		86.6	86.6			86.6	86.6	86.6		86.6		86.6	86.6	86.6
1 11	0		83.5	86.6	•	86.6	86.6			86.6	86.6	96.6	86.6	86.6	86.6	86.6
	0				86.6	6.		86.5	86.6	86.6	.0	.0		86.6	86.6	86.6
8	0			•		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6		86.6	86.6
	0				86.6			86.6	86.6	86.6				86.6	86.6	86.6
8	0		-	86.6	86.6	86.6	86.6	86.6	86.6	•	86.6	86.6	86.6	86.6	86.6	86.6
100	0	1	3							.9		9.98	86.6	86.6	•	
8 1 1	0			86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6		86.6		86.6	96.6
120	0	1		86.6	86.6	86.6	86.6		86.6	9	86.6	86.6	86.6	86.6		
7 2000			83.5	90.0	86.6	86.6			86.6	86.6	86.6		86.6	86.6	86.6	86.6
1491	0	BUILD .		87.6	87.6	87.6		87.6	•	13 L		87.6	•			
8	-		86.6	89.7	89.7	89.7	89.7		89.7	89.7	89.7	89.7		89.7	89.7	89.7
100	1:					90.7		40.4		40.4		•	40.7	4006	4006	90.1
0001	2		91.8	6.96	6.96		6.96		6.96		6.96				6.96	96.5
	2	No. of Land	91.8		•	6.96		6.96		6.96	.9	6.96	6.96		6.96	
8	2		:	97.9	97.9		97.9	-	97.9	1	97.9	-	97.9	-	•	97.9
	2	200	91.8	6.46	97.9	61.6	6.46	61.6	1.	61.6	6.76	6.16	1.	6.76	•	97.9
8	2		91.8	97.9	0.66	0.66	0.66	0.66	0.66	0.66	0.66			0.66	0.66	99.0
	2	990.7	:	61.6	0.001	10.00	0000	00.00	0.001			0		0.001		100
8	2		91.8	97.9	100.00	100.00	00.00	00.00	100.00	100.0	0.001	0		0	100.0	100
300	52.6	1	-	97.9		100.001			0		0.001	0.001				
	2	0.00	91.8	97.9	0	100.001	0	0	0		0	•	0	0	0	
8	2		81.6	97.9			0000			100000		0.00	0.00	•		000
	3		41.0		0000	10001	00.00	00.00	00.00	0000	000	•		0.001	0001	200

TOTAL NUMBER OF OBSERVATIONS

24

0

0

0 0

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7

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4

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4

2

CEILING (FEET) NO CEILING

VI VI 0005 0005 VIVI 4000 VIV 2000

300

VIVI 862 008 1200

AIAI

88

ALAI

58

88

AIAI

80

88

MAIA

VI VI

9 8 AI AI

19 HOURS (1.5.T.)

0

0

TOTAL NUMBER OF OBSERVATIONS

0 0

=

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

NO CEILING

CEILING (FEET)

SE CALIFURNIA STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 NOURS (1 S.T.)

1

	٨١											
	AI N											
	≥ 5/16											
	N %											
	*								1.91			
	* AI					ī						
ES)	Ā											
VISIBILITY (STATUTE MILES)	¥1 V				1							
IBILITY (ST	Y 75											
VIS	2.2											
	> 2%											
	E AI											
	7 1											
	\$ A											
	ø Al											
	0 1											
	7/01/5/01	0	VIOL SE	Market N		12.00	Sec. 17				STATE AND	

VIVI 56 88

200 1A 1A VIVI 88 88

88

88

TOTAL NUMBER OF OBSERVATIONS

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

ALL HOURS (1 S.T.) 100

CEILING																
(FEET)	2 1	A)	N AI	4	6 41	≥ 2%	7 2	71 71	¥1 ¥	<u>-</u>	* Al	*	N N	2 5/16	AI N	٨١
NO CEILING	4.12	41.7			0		-	51.5	51.5	51.7	-	310	51.9	51.9	-	52.
≥ 20000	21.9	43.3	47.0	50.5	52.1	52.2		53.1	53.1	53.3	53.5	53.5	53.5	53.5	53.5	54.
	21.9	43.3		50.5		52.2	52.9			53.3	53.5	53.5	53.5	53.	53.5	54.
909	21.9	43.3		50.5	52.2	52.4	7020	53.3	53.3	53.5	53.7	53.7	53.7	53.	53.7	54.
	22.3	43.9		51.0	52.8	52.9	53.7	53.8	53.8	54.0	54.2	2.46	54.2	54.2	5	54.
1200	22.8	44.6	48.8	51.9	53.7	53.8	54.6	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.
200	22.8	44.6		51.9	53.7	53.8	54.6	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.
38	22.8	***		51.9	53.7	53.8		54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.
100	23.0	44.9	49.4	52.4		0.000	55.1	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	56.
38	23.0	44.9	40.4	52.4	54.2	54.4	55.1	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.	56.
1846	23.2	45.3	49.9			Contract of the second	100000	55.B		56.0	56.	56.	:		56.	56.
300	23.2	45.3	49.9	52.9	54.7		3	55.8	-	•	36.	56.			56.	56.
	23.2	45.3		52.9	54.7	54.9	3		5	56.0	50.	-	:	56.2	56.	56.
38	23.2	45.3	49.9	52.9		55.1		56.0	0	56.2	56.	56.			56.	56.
	23.5	45.3			*	55.1		50.0	9	56.2	56.	56.		56.3	56.	56.
300	23.2	45.3	49.0		54.9	55.1				56.2	26	26	56.3	56.3	26	36.
100	23.2	45.6	50.3	53.3	3.	5	.0			56.5		56.			56.	57.
200	24.1	46.5	51.3	54.4	56.3	56.5	57.2	57.4	57.4	57.6	57.8	57	57.8	57.8		58.
1	24.5	46.9			-		-			58.3	8	58.	58.5		58.	-
8 1 1	26.0	50.1	50.5	59.7	61.7		62.8	65.9	65.9	63.1		63.3	63.3	63.3	1 63.3	63.
	26.7	51.7		61.7	3		:	6.49			69	65.	2	65.2	65.	65.
8	28.3	54.7	61.5	65.8	61.9	0	0.69	69.2		69.3	0		69.5	69.5	69	70.
	28.5	56.2		67.4	6	.6	0			70.9	-	1		71.		71.
8	28.9	58.8	66.1	1.17	73.4	73.6	74.9	75.0	75.0	75.2	75.	75.4	75.4	75.4	-	75.
	29.1	29.4		72.7	•	5				77.2	11.	1		11.	-	77.
8	29.2	9000	8.89	75.0	78.4	78.6		80.4		80.6	80.	80.8	80.8	80.8	80.8	81.
	29.4	61.7		76.8	-	-		84.0		*	_	8	84.3	84.3	1 84.3	1000
8	29.6	63.1	72.0	79.1	84.3	84.7		87.2	87.2	87.5	•	87.7	87.7	87.	1 87.7	88.
	29.6	63.5	13.3	6.61	0	86.8		91.3	:	2.	92.	92.3	92.3	92.3	1 92.3	92.
8	29.6	63.6	73.4	80.0			0	91.6	:	93.2	0	93.8	04.1	94.		;
91	9.62	63.6	13.4	0.08	;		90.5	91.8	•	93.6	6	-	95.2	95.5	0	98.
	7 06					ĺ			-							-

0

TOTAL NUMBER OF OBSERVATIONS

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA
MATION MAIL
PERCENTAGE FREQUE

93116

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 HOURS (1.5.7.)

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11 12

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1 2%

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(FEET)

NO CEILING

0

2 2000

V 1800 00091

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V 1V 1200 VI VI 000 000 000

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0

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9000

4141

3900

ALA

2000

ALAI

1800

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1200

ALAI

88

AIAI

88

ALAI

88

ALAI

0

VISIBILITY (STATUTE MILES)

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

0

DIRNAVOCEANMET SMOS

80

AI AI

0

88

AIAI

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

0

04 HOURS (1.5.T.) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(FEET)																
	5 VI	9	8 11	AI .	N AI	> 2%	1 A	۲۱ ۲۲	V V	Ā	AI X	* AI	X XI	≥ 5/16	N AI	AI
NO CEILING																
18000 14000																
N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								=								
N 10000																
2 8000 2 7000																
0009 Al Al																
2 4500																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
1800 1500																
Z 1200 Z 1000														6		
88 MM																
88			100.0	100.0	100.	0100.0	0100	0100	0100	0,0010	100.0	100.0	100.0	100.0	100	100
88			100.0	100.0	100	0100.	0100	0100.	0100	100.010	100.0	100.0	100.0	100.0	100	1000
Y Y 300			100.0	100.0	100	0100	0010	0100.	0100	00000	100.0	10000	100.0	100.0	0001	1000
80			100.001	100.0	100.	0100.	0100	0100.	0010	0100.0	0.0010	100,0	0.001	100.0	100	0010

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (1.5.T.) AUG

20

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(S)						
E .	9 1	9 11	S AI	1	6 41	> 2%	2 4	×1 ×1	¥1 VI	-	× AI	*	Z AI	2 5/16	AI N	0 11
NO CEILING		19.4	22.	24.5	25.8	26.5		00		A Contract of the Contract	29.0	29.0	29.0	29.0	29.0	30.3
	-:	20.0	SO	0.0	9.	- 00			30.3	31.0		::	31.0	6 -	31.0	30.3
1116251129		21.3	24.		27.7	28.4	29.7	00	00	-:		-				-:
NAME AND ADDRESS OF TAXABLE PARTY.	22	21.9	C STATE OF STREET			29.7	31.0			200		32.3		25	32.3	32.9
VI VI 0007	22	21.9	25.	27.1	28.4	29.7		31.6	31.6		32.3	~ ~	32.3	200		
900 AI AI	200	21.9	25.	27.1	28.4	30.3		31.6		32.9		~ ~				32.9
A STORY	22	22.6	25.	27.7	00	30.3		200	32.3	22		32.9		200	32.9	33.6
3000		22.62	25	28.4		0-		22		200		Ne		200		33.6
N 1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		23.9	27	29.0	30.3		200	33.0	33.6	34.2	34.2		34.5	34.2	34.2	34.8
· · · · · · · · · · · · ·	14.8	24.5	NW	32.9	-;	5.			3.	400				* 8		
Y 1 Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		32.3	35.	37.4	38.7	40.0	41.3	43.9	43.9	42.6	44.5	44.5	42.6	45.6	42.6	
8 8 AIAI		34.2	39.	41.3	42.0			40					48.4			- 6
VI VI 808	24.5	38.7	2 4	20		52.3	54.2	52.3	24.	5.	no s	25	NI	5.		
VI V		49.0	55.				71.0	::	•	72.3	72.3	72.3	72.3	72.3	72.3	72.9
38 30 31	27.1	50.3	56.1	61.3	70.3			80.1	80.1	9 69	84.5		85.2	85.2	85.8	79.4
80	27.7	50.3		63.2		73.0	78.1		80.7	83.2	• •	85.8	87.7	89.7	92.3	94.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

73-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.

AUG MONTH 10 HOURS (1.5.7.)

OFO

CEILING									Communication of the communica	1						
(1)	2	· AI	\$ 1	7	E AI	Y 2%	2 4	¥1 Y	VI VI	Ā	% Al	* 11	Z AI	2 5/16	N N	AI .
O CEILING	15.5		43.9	45.2	45.2	2.64	45.2	45.2	45.2	45.2	45.2	45.2	45.2	*	45.	2 45
> 20000	16.1		45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.	1 47
> 18000	1001		45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.	. 67.	1 47
14000	1001		45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.	47.	1 47
1	16.1		40.5	47.7	47.7	47.7	47.7	47.1	47.7	47.7	41.1	47.1	41.7	47.	41.	1 47
12000	16.1		46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.	47.	7 47
			46.5	47.7	47.7	47.1	47.7	41.1	47.7	47.7	47.7	47.7	41.7	*1	41.	14
8	16.1	40.7	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.1	. 47.	7 47
			46.5	47.7	47.7	47.1	47.7	47.7	47.7	47.7	47.1	47.7	41.1	47.	47.	141
200	16.1	40.7	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.	. 47.	7 47
1			46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	41.7	*1	47.	1.4.1
9005	-		47.1	48.4	48.4	48.4	48.4	49.4	48.4	48.4	48.4	48.4	48.4	48.4	48.	+ 48
128			47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.	48
000		41.3	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.	4 48
0.18		-	1.14	48.4	48.4	48.4		48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.	48
3000			47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.	+ 48
100			48.4	1.64		49.7		49.7	49.7	49.7		49.7				64 /
7000		3	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	5	52.3	52.3	52.	3 52
165		5	-	52.9	52.9	52.9		52.9	52.9	52.9	52.9	52.9	52.9	52.9	1 52.	9 52
150			55.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1		1 58
		3	1.09	63.2	64.5	64.5	64.5	64.5	64.5	64.5	*	0	64.5	64.5	. 64.	2 64
90			63.9	66.5	67.7	67.7	58.4	4.89	68.4	68.4	68.4	+68.4	68.4	68.4	68.	4 68
		0	65.2	4.89	69.7	1.60	70.3	70.3	0	70.3	70.3	70.3	70.3	-	3 70.	3 70
8		0	0.69	72.3	73.6	73.6		74.2	74.2	74.2	;	_	74.2	74.		2 74
		-	71.0	74.8		1001		76.8	.0	76.8		-	0	76.	8 76.	8 76
8		-	74.8	78.7	80.7	80.7		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.	3 81
			76.1	81.3	10000	2.58	86.5	86.5	0	•	0	86.	0	80	86.	5 86
8		5	78.1	89.2	89.7	90.3		95.9	65.6	92.9	92.9	92.9	92.9	92.9	?	9 92
		5.	78.7		0.16	92.3			96.8	4.46	-		97.4	97.4	1 97.	16 3
8	29.0	65.8	78.7	86.5	0.16	92.3	*			98.1	98.1	98.1	98.1	98.1	- 86	1 98
		5	78.7	86.5	0.16	92.3	8.46	8.96	8.96	98.1	98.1	98.1	1.86	98.1	.86	66 1
				**												

0

TOTAL NUMBER OF OBSERVATIONS

155

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.7.) AUG

		-				-		-			m -			-			20
	0 11	74.2	74.8	76.1	11:4	11:1	7.5	78.1	78.1	79.4	85.8	90.3	94.2		98.1	98.7	00.00
	N N	74.8	74.8	77.4	4.17	4:17	4:1:4	77.4	78.1	79.4	86.0	90.3	94.2	96.8	98.1	98.7	0000
	≥ 5/16	74.8	8.47	16.1	4.4	1.4	4.6	78.1	78.1	19.4	88.4	90.3	94.2	96.8	98.1	98.7	00.00
	χ λ	4.8	8 8	1.0	4.4	4.4	3 3	*		4.0	8.4	2.9	5.5	∞ ~	11.	0.0	000
	•	74.8	4.8 7	7.4.7	4:4	4.4	4.4	7.4	78-1	4.0	8 4	2.99	5.59	8.1.9	8.1		0.0
	۸I %	N®	8.7	- 3	44	44	**	4		4.0	E 4	40	2.0	6 6 6	-r.	- 0	0100
	Al	24	8 74	17	24	44	44	1 4 7	1 78	5 8 4	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 92	5 94	1 98	1 98	4100	4100
ILES)	ŽĪ.	2 74.	8 74.	77		77	77	77.	7.8	9 4 9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3 90.	5 94	1 98	86 1	4 99	666
ATUTE M	71 7	7.4.	74.1	76.	===	===	===	78.	78.	84.	88.	90.3	94.	96.1	98		99.
VISIBILITY (STATUTE MILES	۲۱ ۲ ×	74.8	74.8	76.1	***	77.4	***	78.1	78.1	79.4	88.4	90.3	94.2		98.1		49.4
VISI	1 2	74.2	74.8	76.1	77.4	77.4	77.4	77.4	78.1	79.4	85.8	90.3	94.2	96.8	98.1		98.7
	≥ 2%	74.8	74.8	1,6.1	77.4	77.4	4.7.4	78.1	78.1	19.4	85.8	90.3	94.5	96.8	98.1		98.1
	E 41	74.2	74.8	76.1	41.4	77.4	47.4	77.4	78.1	79.4	88.00	90.3	94.5	96.8	98.1	98.1	98.1
	<b>A</b> I	74.3	8.47	1.9.	4.6	4.5	4.6	73.4	78.1	73.7	85.2	89.7	93.6	96.1	97.4	97.4	97.4
	\$ AI	2.3	12.9		2.5	75.5	75.5	75.5	1.02	00.	78	- 6	• m	0.00	00 00		 
	• AI	0 10	-	-	-					40	00		40	0 0	NN	NN	~~
	9	-	-		000	29.0 6	00	AN		~ ^	0 0	10 m	00 m	**			
	AI	NN	2 2	~ ~	NN	NN	22	2 2	22	NM	mm	m m	m m	mm	m in	mm	99
CEILING	(FEET)	NO CEILING	00081 VI VI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		VIVI 7000	0008 AI AI	VI VI 0004	3200	7 200	VI VI 081 081	VIVI 080	88	88	88	88 MAIA	

TOTAL NUMBER OF OBSERVATIONS

155

0

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SAN NICOLAS, CALIFORNIA 93116

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

16 HOURS (L S T.) AUG

0000

-		<b>L</b> .	-	-	~	-	-	100	~	-	<u> </u>	10:	21	100	~	100	~		_		-		_	_	_	-	-	~	_	~	~	_	$\equiv$
	٨١	81.2	82.2	82.2	82.2	83.2	83.2	2	85.2	85.2		85.2		85.2	85.2			86.1		86.		91.1		94.	95.1	95.1			97.0	97.0		000	0001
	N N		3		82.2				85.2		2	5	85.2	2	85.2			0	86.1	86.1	0	91.1	3	1.96	95.1	1.56	1.56		97.0	0.76	6		00.00
	> 5/16		5	82.2	3				2			85.2	*		85.2			86.1	.0	86.1		91.1		1.46		1.56		•	0.76		•	6	10.66
	Z Al	:			5				3			3	85.2	2					-:	-	7	91.1	m	1.46	5.1	7.	2.1	0	0.16	1.0	0.6	0.6	0.66
	*	7.	2.2	2.	2.2		3.2	2.	2.5	2.5	.2	2.5	5.5	2.5	2.5	2.	5.5	6.1	6.1	-	0.1	7.	3.1	4.1		5.1	5.1	0	7.0	0.	0.6	0.6	0
	% Al	7.	2.2	2.	2.2	.2	3.5	7.	5.5	7.	5.2	2.	5.5	2.	5.5	.2	5.2	1.9	1.9	-	0.1	-	3.1	4.1	5.1	-	5.1	0.9	97.0	1.0	•	0.6	0.66
	-	.2	2.2	.2	32.2	3.5	.2	5.5	5.2	.2	5.2	2.	5.2	2.	5.2	.2	5.5	7.	6.1	86.1	0.1	1:1	3.1	4.1	5.1	5.1	5.1	0.9	7.0	1.0	0.6	0.6	0.6
VISIBILITY (STATUTE MILES)	71 74	1.2	2.2	2		3.2	3.2	5.2	5.5	2.	5.5	5.2	2.	5.5	5.5	5.2	.2	1.9	1.9	1.0	1.0	1.1	3.1	4.1 9	5.1	9.1.6	5.1	0.	1.0 9	0.	0.6	0.6	
LITY (STAT	¥ .	:	2.2	2.2	12.2	3.2	13.2 8	5.5	5.5	2.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.1	6.1		1.0	1.1	3.1	4.1 9	7.	15.1 9	5.1	•	-		0.6		6 0.6
VISIBI	~ A	-	2.2	2.	3	3		5.5	5.2 8	:	5.5	3	5.5		5.5	5.	8.	.0	1.9	0	0.1		3.1	\$	5.19		5.1		1.0	7.0	6	6.0	0
	> 2%	0.2 8	1.2	-	1.2	2.2	2.		4.2	*	4.2	4.2	7.4	2.4	4.2	2.4	4.2 8	5.2	5.2	2.5	9.1	6 1.0	2.1	3.1 9	4.1	6 1.4	4.1	5.1		0.9	8.0	0.0	8.09
	~ Al	0	1.2	-	1.2	_	2.2		2.4		4.2	;	4.2	:	4.2	*	4.2		5.5	~	9.1		2.1		4.1	4.1 9	4.1	2.1 9	0.9	.9	8.0	0.0	
	4	0	1.2	-	1.2	2.2	3	2.4	4.2 8	4.2	*	4	4.2	4.2	*	4.2 8	4.2		5.5	5.5	9.1	6 1.0	2.1	3.1 9	4.1	4.1 9	4.1	5.1 9	0.9	. 9	7.0	0.1	7.0 9
	\$° Al		~		~	2	0.2 8	2.	2.2 8		~	2.		2	7		2		2	2	7	4.19		6 1.6		6 1.	6	1.19	7	1.1 9	-	92.1	-
		3	1	-	3	3	•	2	~	~	N	~	~	2	~	~	~	2	N	~	~	2	2	~	~	2	~	2	~	2	2	85.2	~
	2	9.	9.	9	9.	9.	9	0	43.6 7		9.	9.	•	9	9	0	•	0	9	•	.5			S	5	.5		i		. 5			
9		CEILING	20000		16000		12000		\$ 0006		7000		9 0005		7 0007		3000		2000		1300		9 0001		* 00	-	9 009		400	300		8	
CEILING		NO CE	14 20		141		141	-	8		141		S		111		111	1	N N		2		i Ai		AI		IAI		A		۸۱	AI	

5703 CEILING VERSUS VISIBILITY JAN 78

TOTAL NUMBER OF OBSERVATIONS

101

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1

100

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN

SAN NICOLAS, CALIFORNIA

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEARS

CEILING VERSUS VISIBILITY

AUG MONTH 19

BILING		CEILING	00091	12000	0000	2000	9009	4500	3500	2500	1800	1200	900	900	200	300	80
	5 1																
	۰ ۸۱																
	\$ AI																
	AI AI																
	ε Al																
	≥ 2%																
VIS	2.2																
IBILITY (ST	۲۱ کا																
VISIBILITY (STATUTE MILES)	71 2																
ES)	- AI																
	% Al										•						
	* 11																
	X AI																
	≥ 5/16																
	VI VI																
	0 11																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

0

22 HOURS (1.5.T.)

AUG

CEILING							SIA	IBILITY (ST	VISIBILITY (STATUTE MILES)	(ES)						
Î.	2	٨١	S) Al	<b>VI</b>	N AI	2 2%	N Al	¥1 Y	VI 71	<u></u>	NI %		* 1	AI	* 1	% AI
NO CEILING																
18000 1 16000		,														
≥ 14000 ≥ 12000												August 18				
0000 YI YI 0000																
2 8000 2 7000		T S														
0009 4																,
2 4500 2 4000																
2 3300																
Y 2500																
N 1800																
Y 1200																
98 AIAI																
8 % 8 %																
98			C C													
88 MAIAI																
80																

0

0

TOTAL NUMBER OF OBSERVATIONS

1

0 0

SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

AUG

ALL HOURS (LST.)

			4	15	, 0	. 0	3	3	3	3	3	9	9	00	00	0	0	~	6	9	m	0	1	9	9	3	0	•	60	0	-	0
	AI	55		56.		57.		58.	58.	58.	58.	58.	58.	58.	58.	59.	90	62.	62.	66.	20.	72.	74.	76.	78.		84.		92.		99.	ė
	1	0 0		2 1	10	*	7	-	7		-	.5	-	9.	-		-	0		*	7.		.5	*	-	2.		*	9	*	0	- 2
	Al	34	2	26		2	58	58	58	28		58	58	0	58		59	62	62		2	N	4	0	-	-	84	89	26	25	6	4
	5/16	0 0	•	2 "				1.1	7.	1.1			5.5			8.		0.		4.0	1.6							*	.6			
	AI	30	1	200	5	12	58	58	58			58		2		N	59	0	62	•	70	-	74	-	-			8	92	5		0
	2 1	4.9	•,	2 7				8.1		8.1		8.5					6.6		2.7		0.1		4.5				4.7	9.4	5.6		0	
		0 0	3 6	9 60	20	100	1 3	2	2	1 3		20	-	'n	9	-	_	9	0	4	1 7		2				8		2	~	4	•
	*	54.		56	1	57.	00	58.	00	58.			8		8	8		2	620		10.	12.	. 4/	16.	8	81.	0.00	.68	2	•	50	2
		D C	> 0	2 69		*	-	-	-	-	-	-	-	9	0	00	6.		-	*	-		2			2	1	4	0		4	*
	AI X	45		36		57	58	58	58	58	58	58.	58.	58.	58.	58.			62	99	10.		74.	76.	78.	81.			26		5	Š
	-		•	2 6				-	-									0		*	7		.5	4.		.2		4	•		ě.	•
(ES)	AI	54	2	U &	12	12	58	58		58		28	58	58	58		50	3337	62	99	70		74		78		84	120000	92	_	3	*
VISIBILITY (STATUTE MILES)	1%	4.00	•	9	•	7.2				7.9	4.9		8.3	8.5					2.5	6.2			4.3		8.5		4.5	6.6	1.9	3.5	3.5	3.5
STATU	Al	80 at	1	J 80	36	1 80	5	9	2	2	3		~		3	9	5	9	9	0	9 6	-	1	2 7		œ	8		0	0	0	~
UTY (	1 1%	54.				1		57.		37.	:	58.	8		8			-	2	.99		5					84.		=	3.	3	3
VISIBI		2 4	1	0 0	2	0	33	8	8	00	80	-	_	m	503				0		7		-		4	8	3	6	2	-1		-
	AI AI	54		2 4	3	27	57	57		57		58		58		58		-	29	99	69		14		78	80		88	0	_	35	2
	21/2	7-	•	• 10						.2		•				0.					2.		2.	•	S.	0.	.3	.3	0	?		
	AI	200	1	0 80		26				57	57	57		2	2	5	2		0		0	71	73	75	-	79	83		88		60	
	8	3.9				9		6.9		6.9	6.9	7.2			4.4			0.7		5.1		1:1	2.9		7:1	9.6	2.8	6.0	5	8.0	8.0	8.0
		RU 20	1	0 0			_		EU 138	50	5 5	0		*	3	2	2	8	9		9 0	1 7			6	0	5 8	9	3	0	9	0
	AI	53.		*	•	9					.0		56.	57.0			58.	.09	0	;	.89	20.	11.			78.	90.	83.	. 4	. 20	62	25
		00 a	> 0	0 0						8	20	7	-	6	1	5	3		~	.5	-	•	0.		-			-	2.	20	20	20
	VI S	52				54.					-	-	-	-	-	-	-	-	-	-	-	~		-	-		-	-	-		2	-
	•		7	V .		6	10	-	7	-	-				-			.3	0		. 8	.2	4	•	*		6.	•	.2	·		
	AI	46.	-01	1	-	والمكاروب	D. Carl		Contract.			DOMEST !		Jack Co.	46.0	1000	Section .						Washington .		3.00			300		200	all Co	1000
	9	22.4	-	-0	3 -	3.5	3.4	4.6	3.4	3.4	3.4	3.8	3.8	3.9	3.9	4.1	4.8	5.7	9.9	9.1	0.8	1.5	1.9	2.2	3.1	3.5	4.2	4.2	4.2	4,3	4.3	4.3
	AI.	+	3 8	20	3 ~	7	7	~	2	~	7	~	2	N	2	7	2	~	~	~	3	~	~	m	•	•	•	9	~	0	m 1	•
NO	(FEET)	CEILING	3	16000		12000	9000	8	900	98	9009	2000	1500	900	905	3000	2500	2000	1800	1500	1200	90	8	8	8	8	98	8	38	8	8	•
1	E	NO V		AI A		AI AI		IAI	100	IAI	1	IAI		IAI		IAI	100		A			IAI	Al	Al	A	M	^	IAI	AI	AI	AI	Al

0

0

0

TOTAL NUMBER OF OBSERVATIONS

568

580

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93116

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 HOURS (1.5.7.)

SEP

EILING	( <b>FEE</b> )	NO CEILING	N 18000	≥ 14000 ≥ 12000	2 10000 2 9000 3 9000	7000	9000 ALAI		2 2900 2 2000	1900	2 1200 2 1000	88	809 AIAI	88	300	
	AI															
	S AI										r					
	AI AI												•			
	e vi															
	Y 2%															
VIS	2 1															
VISIBILITY (STATUTE MILES)	Y1 %															
ATUTE MIL	VI XI															
<b>S</b>	Ā															
	N NI										8					
	*															
	Z AI			b.												
	≥ 5/16															
	N N															
	O AI															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

DEDCENTAGE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (L S.T.) 0

0

050

SEP

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)					
	2	۸I	N Al	VI 4	κ Al	> 2%	AI	Y X	¥1 Y	- AI	× N	*	N N	 ≥ 5/16	₹ 5/16 ≥ %
NO CEILING															
2 18000 2 16000															
N 14000															
2 10000 2 9000 3 9000															
900 VI VI		, il													
9000 AI AI															
2 4500 2 4000															
3300															
> 2500															
2 1800 2 1500															
Y 1200															
8 8 AIAI															
VIVI 800															
88															
8 8 AI AI															
80					- X										

DIRNAVOCEANMET SMOS

0 0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07 HOURS (1.5.T.) SEP

010

CEITING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES	(S)						
(FEET)	5 1	9 4	\$ 1	4	N AI	≥ 2%	K 7	×1 ×	¥1 ¥	- AI	% AI	* 1	N %	≥ 5/16	N NI	0 11
NO CEILING				.0	0	0	0	30.2		ò	0	-		31.	31.	10
> 20000				28.2	31.5	31.5	31.5	31.5	31.5	31.5	35.2	32.9		32.	32.	
1			:		-		31.5			•	2:	2.		32.	32.	•
00091					:	31.5	31.5	31.5		31.5	3	2.	3	32.	32.	m
			:	8	-		2.				2	3		33.	33.	•
12000			;	28.9		2	33.6	33.6		•	;			34.	34.	3
1500			:	8	3.	2.	3	3	3			*		34.	34.	-
900			:		5				3	•	34.2	34.9		34.	34.	m
14 4			:	6		3	3		*			3.		35.	35.	-
141			;	29.5		33.6	34.2	34.5	34.2	34.2	:	35.6			35.	6 36.9
1			:	6	3	3	*		*	;				35.	35.	36
9005			;				;	34.2	;	34.2	34.9			35.	35.	w
			:	0	*	4	*	*		*				36.	36.	31
141			-		*		*	34.9						36.	36.	37
			-	0	4.		*			4				36.	36.	~
3000			:				38.9							*0*	•0•	4
			:	4.		*	6	6		6				40.	40.	24
3000		34.2	35.6	39.6	43.6	43.6	6.44	44.3	44.3	44.3	45.0	45.6	45.6		45.	6 47.0
Police Control							5			3.				40.	40.	•
1300			:			6								51.	51.	S
- 4			:	80	3		3			3				55.	55.	~
900			;			55.7	56.4		56.4	56.4		57.7		57.	57.	5
					-	57.1	-	57.7	57.7	-	58.4			2	59.	
08	32.2	48.3	50.3	55.0	4.09	4.09	61.1	61.1	61.1	61.1	61.7	62.4	62.4	62.4		63.8
			:	55.7	-	61.1	61.7	61.7	61.7	61.7	62.4	63.1		63.1	63.	1 64.4
8			3	57.7	63.8		4.49	4.49		*	65.1		2	3	2	•
		•	:	59.1	65.1	65.1	65.8		82.8	65.8	•	67,1		67.1	67.	0
140			:	61.1		1000		69.8		6	0	71:1	71.1	71.1	:	-
			2.	61.7	70.5	72.5	73.2	15.8	75.8	75.8	77.2	17.9	77.9	77.9	77.	6 66 6
30		51.7	55.7	62.4	71.8	73.8	77.2	81.2	•		2	9.00	•	2.	85.	0
٧١ ا			:	63.1	72.5	14.0	17.0	82.0	95.0	85.0	82.5	000	0.00	200	25.	_
	•		20.4	63.1	72.5	14.5	17.8	95.0	95.0	85.0	200	010	010		72.	00019

TOTAL NUMBER OF OBSERVATIONS

149

0

0

1

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

TO ACM PARK TO A STREET OF THE PARK THE

93116

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 SEP

0

O

					VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	\$ 2	14	N AI	≥ 2%	1A 5	Y 1%	¥1 Y	Ā	× AI	* AI	Z AI	≥ 5/16	% AI	0
1	29.3		35.3		36.7		37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
-	:	36.0	37.3	38.0	38.7	39.3	39.3	6	39.3	39.3	39.3	39.3	39.3	39.3
-	31.3		37.3		38.7		39.3	•		6		39.3		39.3
-	31.3	36.0	37.3	38.0	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
0	32.7	_	38.7	39.3	0	40.1	40.7		40.4	40.	40.1	40.1	40.7	40.7
-	34.0	38.7	40.0	40.7	41.3	42.0	42.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
	34.0	38.7	40.0						•		45.0			42.0
9	34.0	38.7	40.0	4	41.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
3	34.0	38.7	40.0	4	41.3	42.0				42.0	42.0			42.0
0	34.0	39.3	40.7	41.3	42.0	42.7	42.7		42.7	42.7	42.7	42.7	42.7	42.7
3	34.0	39.3	40.7		42.0	42.7	42.7	42.7		42.7	42.7	42.7	42.7	42.7
6	34.0	39.3	40.7	41.3	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
3		0.04	41.3	42.		43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
0	34.7	40.7	45.0	42.7	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
	35.3	41.3	42.7	43.	0.04	44.7	44.7	44.7	44.1	44.7	44.7	44.7	44.1	44.7
0	37.3	44.0	45.3	46.0		47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
3	38.7	45.3	40.7		48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
1	44.0	50.7	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
0	45.3	52.0		54.0	54.7	55.3	55.3			55.3	55.3	55.3	55.3	55.3
-	52.7	59.3	60.7	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
3	54.7	62.7		64.7		0.99	0.99	0099	0.99	0000	0009	66.0	0.99	0.99
0	97.3	65.3	66.7	67.3	68.0	68.7	68.7			68.7	68.7	68.7	68.7	68.7
-		67.3	68.7	69.3		70.7	70.7		70.7	7007	70.7	7007	70.7	70.7
-	0.09	70.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
-		73.3		76.7			78.0		78.0	78.0	78.0	78.0	78.0	78.0
9	63.3	75.3				80.7	80.7			80.7	80.7		80.7	80.7
0	67.3	80.0	83.3	65.3	96.0	86.7	86.7	86.7	86.7	199	86.7	86.7	86.7	86.7
	68.7	81.3	86.0		90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	10.0	82.7	87.3	0.06	92.7	93.3	93.3	4.1	95.3	95.3	95.3	95.3	65.3	95.3
•		-		40	-	-			70	40	40	70	4	40

16.7 33.

28 28 88

ALAI

0

16.7

300

16.

16.0

2 1

(FEET)

0

AO CEILING

16.7 10. 16.7 16.7

V IV 12000

VI VI 800 800 800

TOTAL NUMBER OF OBSERVATIONS

150

98.7100.0

7.96

96.0 96.0 96.0 96.0

70.0

36.7 63.3

88

88

88

36.7

80

35.3

88

AIAI

120

24.0

2000

88

ALA

3300

ALA

38

ALA

0

96.7 98.7 98.

90.0 92.7 93.3 93.3 95.3 96.0 96.0 96.0 96.0 90.0 90.7 90.7 93.3 94.0 94.0 96.0 96.7 96.7 96.7 96.7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

SAN NICOLAS, CALIFORNIA

93116

NO CEILING

0

¥ 2000

(FEET)

0

0

VI VI 00081 00081

0

12000

9000

AI AI

0

2000

AIAI

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP MONTH 13

Ē

HOURS (L S.T.

72.0 59.3 59.3 59.3 59.3 59.3 59.3 59.3 O Al 86. 0.89 83.3 0.99 72.0 62.0 0.09 86.0 87.3 59.3 74.0 59.3 91.3 0.09 86.7 60.7 80.7 83.3 72.0 59.3 62.0 0.89 96.0 59.3 0.00 63.3 0.99 74.0 91.3 95.3 59.3 0.09 87.3 0.06 80.7 60.7 60.7 86.7 63.3 0.89 58.0 72.0 87.3 59.3 59.3 59.3 62.0 86.0 0.09 83.3 95.3 0.06 91.3 60.7 60.7 80.7 86.7 A 62.0 0.99 089 80.7 58.0 58.0 87.3 59.3 0.09 63.3 72.0 83.3 86.0 0.06 59.3 59.3 59.3 0.09 60.7 91.3 86.7 95.3 96.7 AI 0.09 73.3 61.3 71.3 80.0 86.0 59.3 0.09 60.7 62.0 0.96 0.86 59.3 63.3 65.3 7.06 82.7 85.3 86.7 89.3 97.3 97.3 1.56 X N 67.3 59.3 62.0 63.3 58.0 58.0 59.3 60.0 60.0 73.3 59.3 60.7 0009 80.0 80.0 96.0 96.0 58.7 65.3 82.7 85.3 85.3 86.7 89.3 90.7 VISIBILITY (STATUTE MILES) 62.0 71.3 59.3 0.09 59.3 59.3 60.7 63.3 1.06 4.7 73.3 86.0 89.3 86.7 98.0 58.7 82.7 59.3 59.3 59.3 59.3 60.0 60.0 59.3 62.0 80.0 98.0 65.3 67.3 82.7 82.7 59.3 0.09 59.3 86.7 60.7 89.3 89.3 90.0 90.7 93.3 94.0 94.7 71.3 80.0 62.0 0.96 58.0 59.3 63.3 89.3 86.0 86.7 58.0 59.3 0.09 65.3 58.7 7 Al 0.09 62.0 60.0 80.0 59.3 65.3 71.3 85.3 86.7 63.3 58.0 80.0 0.46 59.3 59.3 59.3 0.09 0.09 71.3 73.3 85.3 86.0 0.06 89.3 89.3 93.3 60.7 60.7 67.3 82.7 86.7 1.46 M Al 56.0 57.3 57.3 77.3 80.7 96.0 78.0 84.0 0.06 0009 56.0 57.3 56.7 58.0 36.7 56.0 64.0 65.3 38.7 60.7 68.0 69.3 40.7 62.7 70.0 71.3 80.084.0 32.0 50.7 56.0 57.3 58.7 60.0 61.3 63.3 57.3 58.7 46.7 73.3 82.7 89.3 55.3 56.7 70.7 80.0 57.3 62.0 75.3 82.7 58.7 82.7 26.0 79.3 N 32.7 52.0 33.3 53.3 32.0 50.7 26.0 73.3 49.3 32.0 50.7 32.0 50.7 32.0 51.3 54.7 67.3 69.3 70.7 70.7 46.7 70.7 32.0 45.3 34.7 35.3 44.0 31.3 31.3 40.7 40.7 46.7 40.1 46.7 46.7 40.7 2

2500

AIAI

1500

ALAI

88

AIAI

88

ALAI

88

AIAI

38

4500

900

ALA

0

3500

AIAI

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET

80

AIAI

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L S.T.) SEP

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(8)						
(Jeen)	2	AI	S AI	4	N AI	1 2%	Al	VI %	¥1	<u>-</u>	N N	*	Z Al	> 5/16	N N	AI
		51.9		92.6	57.4		57.4			57.4						57.4
≥ 20000		54.6	56.5	58.3	0	0	2.09			0				•		60.2
1000		24.6	•	58.3	60.2	0		60.2			60.2	2.09			60.2	60.2
16000	40.7	54.6		58.3		2.09	60.2					2.09	60.2	60.2		60.2
1		24.6		58.3	2.09	0		2.09	2.09	2.09	2.09	2.09		2.09	2.09	60.2
> 12000		54.6		58.3		60.2	2.09	2.09				2.09				60.2
1		34.6		58.3	0	0			60.2		2.09	2.09				60.2
0006	40.7	54.6		58.3	0	0	5009	60.2	2.00	60.2	60.2		2.09	60.2	•	60.2
100		54.6		58.3	0	0									2.09	60.2
7000		24.0		58.3				60.2								60.2
		24.6	56.5	58.3		0						2 09		2.09	60.2	60.2
9000		54.6	50.5	58.3	0	0	60.2	60.2						0		60.2
1		54.6	56.5	58.3	0			2.09	2.09		2.09	2.09				60.2
909	41.7	56.3	58.3	60.2	62.0	05.0	0.29	62.0			62.0	62.0	62.0	2.	2	62.0
1		56.5	58.3	2.09	62.0			0.29			62.0	0.29		2.		62.0
3000	****	60.2		63.9	65.7	65.7	65.7	65.7	05.7			65.7		65.7		65.7
1		61.1	:	;	1.99				66.7	•	1.99			9	66.7	66.7
2000	48.2	65.7		4.69	71.3	71.3	71.3	71.3	71.3	71.3		71.3	71.3	71.3	71.3	71.3
				10.4	72.2	12.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
> 1500			-	73.2			3	75.0	75.0		2		2	3	•	
				78.7	80.6	0	9008	80.6	90.08	0	80.6	80.6	80.6	0	0	80.6
0001 YI			78.7	80.6	82.4	3	83.3	83.3					83.3			
				80.6		•	83.3	83.3	83.3						83.3	83.3
008 1				82.4	85.2		86.1	86.1			86.1	86.1		86.1	86.1	
			82.4	85.2		•	88.9	88.9			88.9	68.9	88.9	•	8	88.9
9			82.4	85.2	88.0		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
			82.4	87.0		80.8	91.7	41.7	61.7	91.7	1.16	41.7	91.7	91.7	91.7	91.7
14			83.3	88.0	40.1	90.7	4.46	49.4	95.4	95.4		42.4		95.4		95.4
300	55.6	77.8	83.3	88.9	1.16	•		6.96	0	100	6.96	696	.0		6.96	96.3
	•		84.3	89.0	_	75.0	.0	2.16	•		79.6	7.96	70.5	78.2	•	
YI 8		78.7	84.3			95.0	•	97.2	97.2		98.2	98.2	1.66			99.1
1	22.6	78.7	84.3	89.0	95.0	72.0	96.3	2.16	21.5	2.86	2.86	78.5	33.5	99.1	166	0000

TOTAL NUMBER OF OBSERVATIONS

108

0

1

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

IFORNIA

73

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP HOUTH 19

OE O

CEILING								VIS	VISIBILITY (STATUTE MILES)	TATUTE	VILES)						
	2	AI	AI AI	AI		6 1	2 2%	1 2	VI Z	Y 1	Ā	AI	*	Z AI	≥ 5/16	AI 9	٨١
NO CEILING	100.0	100	.0010	0010	010.	0.0	0000	100.0	100.0	100	0100	5100.0	100	0010	.0010	0.0010	0.001
> 20000	100.0	1001	0010	0100	010.	0.0	00.0	100.0	100.0	100	0100	0000	100	0010	0000	0,0010	100.0
18000	100.0	100.	5100.	0100	010	0.0	0000	100.0	100.0	100	0100.	0.0010	100	0010	0010	0.0010	100.0
N 16000	100.0	1001	0010	0100	.010	0.0	00.00	100.0	100.0	100	0010	0100.0	100	0010	0100	0100.0	100.0
14000	100.0	100	5100.	0010	010.	0.0	00.0	100.0	100.0	100	0100	5100.0	100	0010	0100	0100.0	0.001
12000	100.0100.0100	100	0010	0100	010.	0.0	000	100.0	100.0	100	0010	0100.0	100	0100	0010	0,000	100.0
10000	100.0	1001	0010	0100	010.	0.0	00.00	100.0	100.0	100	0100	2100.0	100	0010	0010	0100.0	0.001
000	100.0100.0100	1001	0100	0100	070.	0.0	000	100.0	100.0	100	0010	0100.0	100	0010	0010	0100.0	0000
8000	100.0	100.	0010	0100	010.	0.0	000	100.0	100.0	100	0100	0.0010	100	0016	0010	0.0010	0.001
7000	100.0	100	0010	0100	010.	0.0	00.00	100.0	100.0	100	0010	0100.0	100	0010	0100	0100.0	100.0
0009	100.0	100	0100	0100	.010	0.0	00.0	100.0	100.0	100	0100	0.0010	100	0010	0100	0.0010	0.001
9005	100.0	100.	0010	0100	.010	0.0	0000	100.0	100.0	100	0100.0	0100.0	100	0010	0100	0,0010	0000
4500	100.0	100.	0076	0010	010.	0.01	00.0	100.0	100.0	100	0010	5100.0	100	0010	0100	0100.0	100.0
141	100.0100.0100	1001	0010	0100	010.	0.0	000	100.0	100.0	100	0000	0100.0	100	0010	.0010	0,0000	100.0
3500	100.0	100	0100	0100	010.	0.0	00.0	100.0	100.0	100.	0100	5100.0	100	0010	0100	0100.0	100.0
3000	100.0	100	0100	0100	010.	0.01	0000	10000	100.0	100	0010	0100	100.	0010	0100	0100.0	0.001
2500	100.0	100	0100	0100	010.	0.0	000	100.0	100.0	100	0100	20016	100	0010	0010	0100.0	0.001
700	100.0	1001	0100	0100	010.	0.01	00.00	100.0	100.0	100	0100.	0100	100	0010	0100	0100.0	100.0
1800	100.0	100	0010	0100	010.	0.0	00.0	100.0	100.0	.001	0010	2.0016	100	0010	0100	0.0010	0.001
1500	100.0	100.	0100	0100	.010	0.01	00.00	100.0	100.0	100	0000	0100.0	100.	0100	0100	0100.0	10000
1200	100.0	100	0010	0010	010	0.0	00.00	100.0	100.0	100.	0100	0100	100	0010	0100	0.0010	100.0
	100.0100.0100	100	0010	0100	010	0.0	00.0	100.0	100.0	100	0100	0010	100	.0010	0010	0100	100
8 1	100.0	100	0010	0010	010.	0.0	00.0	10000	100	100	0010	0010	100	0010	0010	0.000	0000
90	100.0	100	0010	0100	010.	0.0	000	10000	100.0	100	0010	0010	100	0010	0010	0.0010	100.0
700	100.0	0100-0010	0010	0010	010.	0.0	00.00	10000	100.0	100	0010	20000	100	0010	0010	0.0010	0000
8	100.0100.010	100	0010	0100	.010	0.0	0000	100.0	100.0	100	0100	0100.0	100	0010	0100	0100.0	100.0
	100.0	100.001	0010	0100	.010	0.01	00.0	100.0	100.0	100	0010	20000	100	0010	0010	0100.0	100.0
× 400	100.01	100.010	0100	0010	010.	0.0	000	100.0	100.0	100	0010	0100.0	100	0010	0100	0100.0	100.0
88	100.0100.0100	100	0010	0010	010	0.0	0000	100.0	000	000	0010	0100	100	0010	0000	0000	000
3	0.001	.001	000	0010	2 6	5 6	200	0.001	000	000	0000	2000	000	200	200	2000	000
80	0000			0010	0	5 6	900	0.001		000	0010	0010	000	000	0000		
	0.001		-	3010	2	5	3	0.001	-	-		-	-	-	-010	2000	2001

TOTAL NUMBER OF OBSERVATIONS

0

1

0

0

0 0

0

TOTAL NUMBER OF OBSERVATIONS

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2.2 HOURS (1.5.T.) SEP

010

0

CEILING	E	NO CEILING	VIVI	VIVI 45	VIVI	MAI	VIVI	VIVI	MAIN	MAIN	MM	MAI	AIAI	ALAI	AIAI	AIAI	AIA
o z	E	SOO OO	18000	14000	0000	2000	9009	4500	3000	2000	1800	1200	88	88	88	88	80
	5													0000	0000	0.00	0000
	4 Al													100.0100.0100	1000	100	100
	AI .													0010	0010	1000	0010
	AI													0100	0100	0010	0100
	AI													0100	0010	0100	0100
	AI m													010	010	010	010
	21%													0.010	0.0	0.010	0.010
VISIL	7 4													0.00	0.00	0.00	0.00
SILITY (ST	VI 75													0000	0000	0000	00.00
VISIBILITY (STATUTE MILES)	VI 7.													100.0	100.0	100.0	100.0
ILES)	Ā													1000	1000	1000	1000
	AI %													0100	0010	0100	0100
	AI AI													00.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0	0100	0100	0.0100.
	Al													0100	0100	0010	0000
	% Al													010	000	010	0100
	5/16													0.00	0000	0.00	010
	× 1													0.0	0.0	0.0	0.0
	٨١													0000	000	0000	0000

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SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) SEP

	0 1	44.7.	1.7	47.8	48.7	48.8	40.64	50.0	51.2	55.6	61.5	73.5	74.6	81.6	85.2	92.3	98.4
	N AI	40.4	46.7	4.6.4	48.3	48.8	48.8	50.3	50.8	59.3	61.2	73.2	74.2	81.2	84.8	91.8	97.3
	≥ 5/16	44.4	46.7		48.3	80 80	48.8	. 0	54.0	00	-:0		74.2		84.8	91.8	96.2
	Z Al	46.4	46.7	48.3	48.3	48.8	8.64	50.3	54.0	59.9	51.5	73.2	74.2	81.2	84.8	91.8	96.1
	*	44.4	46.7	48.3	48.3	48.8	48.8	50.3		59.9	5.199	73.2	76.2	81.2	84.8	91.6	95.0
	% Al	44.2	46.5		48.1	48.7	48.8	50.1	53.7			72.8	73.9	80.9	84.4	93.4	94.3
ES)	- 41	46.3			47.9	48.5	48.5	49.9	· m		60.6	70.0	73.7	80.7	84.3	92.8	93.4
VISIBILITY (STATUTE MILES)	×1 ×	44.0	46.3	47.1	47.9	48.1	48.7	6.64	50.5	54.7	60.6	72.6	73.7	80.7	84.3	90.3	92.7
BILITY (ST.	×1 ×	46.3	46.3		47.9	48.2	48.5	6.64	50.5		60.6	72.6	73.7	80.7	84.3	90.3	92.7
VIS	2 2	43.8					48.3	48.8	50.3			72.5	73.5		83.9	90.2	
	≥ 2%	43.7	46.0		47.4	47.9	47.9		53.0	58.9	65.7	71.9	73.0		83.0	87.3	87.8
	1 3	43.5	45.8	46.3	47.2	47.4	47.9	48.3	52.8	54.0	59.9	711.7	72.8	78.0	82.5	85.7	86.4
	1 4	43.7	43.7	44.2	44.9	45.4	45.4	46.9	50.5	51.7	57.6	69.2	72.3	74.6	79.4	80.3	80.9
	\$ 41	38.6	41.0	41.5	42.2	45.4	42.8	43.8	44.4	× 2			65.1	69.69	7.17	72.3	72.8
	<b>9</b>	36.5	38.8	39.4	1.04	40.0	40.04	40.8	44.5	45.6	56.0	59.0	62.1	64.4	65.3	66.2	66.2
	N 70			25.4							33.8					45.4	42.4
CEITING		NO CEILING	18000 16000		VI VI 0007 0008	71 VI	0008 AI AI	VIVI 0004 0004	3000	17 IV IV	VI VI 0081 0081	VIVI 000 100	8 8 AI AI	VIVI 88	8 8 8 8	88	90 80

TOTAL NUMBER OF OBSERVATIONS

556

1

SMOS DIRNAVOCEANMET

050

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

0

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0

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0

TOTAL NUMBER OF OBSERVATIONS

UCT HONTH OIL ٨١ × Al 2 5/16 2 1 \* × N PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) Ā VISIBILITY (STATUTE MILES) 71 71 7 ۸I × 2% N Al SAN NICOLAS, CALIFORNIA 4 N Al ۰ ۱۸ 2 NO CEILING VI VI 00091 00091 VI VI 0000 VI VI 0081 0001 80 7 800 7 4 4 388 (FEET) VIV 12000 900 AI AI 4500 1200 88 88 88 88 MAI ALAL ALAI ALAI ALAI ALAI 93116 station

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (1.5.T.) DCT NONTH

0

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEE)	5 1	9 11	8	1	S AI	2 2%	2 4	¥1 ¥	VI VI	ā	* Al	*	Z AI	2 5/16	AI N	٨١
NO CEILING														00000	0.001	0000
														000	100.0	00.00
14000														100.0	0	
14000														100.00	ŏ	0001
2 12000														0000	0001	0.001
000 N A														100.0	100.0	100.0
900 7000 7000														100.00	0.001	100.00
9 8 AI AI														100.00	0.001	0.0100.0
1 A 4 500														1000	0000	1000.0
1000														100.0100.001	00001	100.00
7 200		7												100.00	00000	00000
91 VI VI 88 ST														100.00	0.001	0000
VIVI 825 880														100.0	0.001	100.0
88														100.0100	100.001	10000
8 %														100.00100.001	0.001	100.0
984														100.0010.001	0.001	100.0
38														100.0	0.001	100.0
80														100.0	100.0	100.0

0

0

0

0 0

3

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DCT HONTH

07 HOURS (1.5.T.)

CELLING 24.2 37.9 41.8 44.4 45.1 20000 26.8 41.8 44.8 44.4 45.1 12000 26.8 41.8 41.8 44.4 45.1 20000 26.8 41.8 42.8 41.8 44.4 45.1 20000 26.8 41.8 42.5 46.4 49.0 49.0 26.8 41.8 42.5 46.4 49.0 49.0 27.5 43.1 47.1 49.0 49.0 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 2000 29.2 45.1 49.0 51.6 52.9 54.3 3000 29.2 56.9 56.2 58.2 59.5 59.5 2000 39.2 56.9 52.1 49.0 51.6 55.6 58.2 59.5 2000 39.2 56.9 62.1 66.0 69.3 71.2 75.2 77.1 80.0 39.2 56.9 62.1 64.7 65.7 77.1 84.3 86.0 75.2 77.3 81.1 200 45.1 68.0 75.2 77.3 81.1 200 45.1 68.0 75.2 77.3 81.1 200 45.1 68.0 75.2 77.3 81.1 200 45.1 68.0 75.2 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84.3 77.3 84	CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)						
CEILING 24.2 37.9 41.8 44.4 45.1 13000 26.8 41.8 45.8 48.4 49.0 13000 26.8 41.8 45.8 48.4 49.0 26.8 41.8 45.8 48.4 49.0 26.8 41.8 45.8 45.8 48.4 49.0 27.5 43.1 47.1 49.7 49.0 27.5 43.1 47.1 49.7 51.0 2000 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 2000 29.4 45.1 49.0 51.6 52.9 54.3 3300 34.0 51.6 52.9 54.3 3300 34.0 51.6 55.9 54.3 3300 34.0 51.6 55.9 54.3 33.0 34.0 51.6 55.9 54.3 33.0 34.0 51.6 55.0 51.6 52.9 54.3 33.0 34.0 51.6 55.0 51.6 52.9 54.3 33.0 39.9 60.1 66.0 69.3 73.2 75.2 77.1 54.5 50.0 45.1 68.0 75.2 79.7 83.0 75.2 77.1 64.3 69.3 71.2 700 45.1 68.0 75.2 79.7 84.3 00.0 70.0 70.0 70.0 70.0 70.0 70.0 70	(FEET)		1000	AI	4		≥ 2%	2 4	VI VI	VI 2.	-	% AI	*	N N	≥ 5/16	7	0 11
26.00 26.1 41.2 45.1 47.7 48.4 1.000 26.8 41.8 45.8 48.4 49.0 1000 26.8 41.8 45.8 48.4 49.0 26.8 41.8 45.8 48.4 49.0 26.8 41.8 42.5 46.4 49.0 49.7 1000 27.5 43.1 47.1 49.7 51.0 49.7 1000 27.5 43.1 47.1 49.7 51.0 49.7 1000 27.5 43.1 47.1 49.7 51.0 49.7 1000 27.5 43.1 47.1 49.7 51.0 49.7 1000 27.5 43.1 47.1 49.7 51.0 52.9 54.3 1000 27.5 45.1 46.4 50.3 52.9 54.3 51.0 1000 27.5 45.1 46.4 50.3 52.9 54.3 51.0 1000 27.5 56.9 62.1 49.0 51.6 52.9 54.3 1000 27.5 56.9 62.1 66.0 69.3 71.2 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 83.0 75.2 77.1 84.3 1000 75.2 77.1	O CEILING	24.	37.	-	*		5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	40.4	-	48.4
18000 26.8 41.8 45.8 48.4 49.0 14000 26.8 41.8 45.8 48.4 49.0 12000 27.5 43.1 47.1 49.7 51.0 49.7 51.0 27.5 43.1 47.1 49.7 51.0 49.7 51.0 29.4 45.1 47.1 49.7 51.0 52.9 54.3 53.0 29.4 45.1 49.0 51.6 52.9 54.3 53.0 39.1 46.4 50.3 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 54.0 51.6 52.9 54.3 53.0 54.0 51.6 52.9 54.3 53.0 54.0 51.6 52.9 54.3 53.0 54.0 51.6 52.9 54.3 53.0 54.3 53.0 54.3 53.0 54.3 53.0 55.2 56.9 52.1 56.0 52.1 56.0 57.3 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59	≥ 20000	26.	41.	3	1.	8	8	•	6	6	•	6	•		0	-	52.3
10000 26.8 41.8 45.8 48.4 49.0 27.5 48.1 47.1 49.7 49.0 27.5 48.1 47.1 49.7 51.0 49.7 70000 27.5 48.1 47.1 49.7 51.0 49.7 70000 27.5 48.1 47.1 49.7 51.0 49.7 70000 29.4 45.1 49.0 51.6 52.9 45.1 49.0 51.6 52.9 50.0 30.1 46.4 50.3 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.0 34.0 51.6 52.9 54.3 53.6 52.9 54.3 30.0 39.2 56.9 62.1 66.0 69.3 73.2 77.1 83.0 42.5 64.1 71.2 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 81.1 55.0 45.1 68.0 75.2 77.3 84.3 55.0 75.2 77.3 84.3 55.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0			41.	5			. 6	•	6		6	0		0	-	-	52.9
12000 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			#1:						6	6	6				-		52.9
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TOTAL NUMBER OF OBSERVATIONS

153

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## CEILING VERSUS VISIBILITY

NAVAL WEA. HER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

UCT HONTH

10 HOURS (1.5.7.)

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TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CALIFORNIA SAN NICOLAS.

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13

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

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NO CEILING

(FEET)

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88

MIM

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56.1

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90.96

88

56.8

80

56.8

88.4

94.8

8.76

94.6 96.1

TOTAL NUMBER OF OBSERVATIONS

4.66

155

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS. CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (LST) DCT ...

Ē

43.3 72.4 76.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5	CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
43.3 72.4 76.4 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78	(FEET)		The second second	8 41	1				W 1%	¥1 Y	Ā	% Al	*	X AI	≥ 5/16	N AI	N N
13000 43.3 72.4 76.4 79.7 78.7 78.7 78.7 78.7 78.7 18000 43.3 72.4 76.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5	NO CEILING			69.3	1:1	71.1	11.1	71.7	71.7	71.7	11.7	1:1	11.1	1:5	11.7	71.7	-
13000	N 20000			76.4	78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
13000 45.3 72.4 76.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5				10.4	79.5	79.5		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.
13000 45.7 75.6 79.5 87.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80				76.4	79.5			79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.
12000				77.2	80.3		60.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.
10000 45.7 75.6 79.5 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7				78.7	81.9	-	81.9		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
9000 45.7 75.6 79.5 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7	and the same			19.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	1.78	82.7	82.7	82.
25000 46.5 76.4 80.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84	11			19.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
2500 46.5 76.4 80.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84	Lat.			80.3	84.3	84.3	64.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.2
2500 47.2 77.2 81.1 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0				80.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
2500 47.2 77.2 81.1 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0				80.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
47.2 78.0 81.9 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85				81.1	85.0	3			85.0	85.0	85.0	85.0	85.0	85.0	8	85.0	85.0
2500 47.2 78.0 81.9 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85				81.9	85.8	5		3	85.8		5	85.8	85.8		85.		
3500 47.2 78.0 81.9 85.8 85.8 85.8 85.8 85.8 85.8 85.8 85				81.9	85.8	85.8		3				85.8	85.8	85.8	3		
3000 47.2 78.7 82.7 86.6 86.6 86.6 86.6 86.6 8 2500 48.8 81.1 85.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89	16.8			61.9	85.8		85.8	3.	85.8	5	85.8		85.8	85.8	85.8	85.8	85.8
2500 48.8 81.1 85.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89				82.7	86.6	;		:	86.6	86.6		86.6	86.6	86.6		86.6	
2000 48.8 81.1 85.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89	832.			:	6	6	0	6		6	89.0	6		6	6		89.0
1300 52.0 85.0 89.6 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7				:	•	6	6	6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1300 52.0 85.0 89.6 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7				:		0		0	90.06		90.06	9006				90.06	1
1200 52.0 65.0 89.6 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7				89.8	93.7	3.	93.7				93.7	93.7	93.7	93.7	93.7	93.7	93.7
1000 52.8 85.8 91.3 95.3 95.3 95.3 95.3 9 800 52.8 87.4 92.9 96.9 96.9 96.9 96.9 9 700 52.8 87.4 92.9 96.9 96.9 97.6 97.6 9 800 52.8 87.4 92.9 96.9 96.9 97.6 97.6 9 800 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9				80.68	93.7	93.7	93.7		93.7	93.7	93.7		93.7	93.7	93.7	93.7	93.7
300 52.8 87.4 92.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9				6116	95.3	2.	68.3	95.3		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
200 52.8 87.4 92.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9				6.76		•	6.96	. 9		6.96	6.96			0		6.96	96.9
700     52.8     87.4     92.9     96.9     97.6     97.6     9       500     52.8     87.4     92.9     96.9     96.9     97.6     97.6     9       500     52.8     88.2     93.7     97.6     97.6     99.2     99.2       300     52.8     88.2     93.7     97.6     97.6     99.2     99.2       100     52.8     88.2     93.7     97.6     97.6     99.2     99.2       52.8     88.2     93.7     97.6     97.6     99.2     99.2     9       52.8     88.2     93.7     97.6     97.6     99.2     99.2     9				6.26		•	6.96	.0	6.96	6.96		6.96	6.96	6.96	6.96	6.96	96.9
200 52.8 87.4 92.9 96.9 96.9 97.6 97.6 9 200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9				45.9	6.96	. 9	91.6	91.6	91.6	91.6	97.6	97.6	91.6	97.6	97.6	91.6	97.6
300 52.8 88.2 93.7 97.6 97.6 99.2 99.2 93.7 97.6 97.6 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99				6.26	6.96			-	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9 200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9 100 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9		192	87.4	6.26	6.96			7.		91.6	97.6	97.6	91.6	97.6	97.6	97.6	97.6
200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9 200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9 100 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9		1000	88.2	93.7	-	-			99.2	99.5	99.2	99.2	2.66	2.66	99.2	99.2	99.2
200 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9 100 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9		100	2.28	93.7			6		3.66	0.00	0.001	0.001	0.001	0.001	100.001	00.00	000
100 52.8 88.2 93.7 97.6 97.6 99.2 99.2 9		-	88.2	93.7	-	•	6		99.21	10000	0.001	100.0	10000	100.0	100.001	0.00	0000
0 52.8 88.2 93.7 97.6 97.6 99 2 00.3 0		120	88.2	93.7	97.5		6			0.00	0.00	100.0	0.001	0.001	100.01	0.00	0001
2 3.6			88.2	93.7	91.6	91.0		99.5	99.21	100.00	100.00	100.001	100.001	0.001	100.001	00.00	0000

TOTAL NUMBER OF OBSERVATIONS

127

0 0

0

0

1

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

0

0

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0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 DC T

0

0

CEILING (FEET)	9	. Al	SO AI	AI AI	e Al	1 2%	VISII	BILITY (STA	VISIBILITY (STATUTE MILES)	8 4	X Al	* AI	Z AI	5/16	× AI	O AI
NO CEILING		10000	100.001	0.00	00.00	00.01	100.001	00.00	00.00	00.00	100.0	100.0	100.0	100.00	0.00	0000
0081 VI VI 00081		7100.0	100.01	00.00	00.00	00.00	00.00	00.00	00.00	00000	100.0	100.0	100.0	100.00	00.00	0000
Y 14000	66.7	100.0	100.01	0.00	00.00	00.00	00.00	00.00	00.00	00.00	100.0	100.0	100.00	100.00	00.00	0.00
VI VI 0000 0000		100.0	100.00	00.00	00.00	00.00	00000	00.00	00.00	00.00	100.0	100.0	100.0	00.00	00.00	0.00
VIVI 0007		100.0		00.00	00.00	00.00	00.00	00.00	00.00	00.00	100.0	1000	100.0		00.00	0000
9006 AI AI		100.0	100.001	0.00	100.00	00.00	100.01	00.00	00.00	00.00	100.0	100.0	100.00	100.00	00.00	0.00
000 1 A1 A1	Street Street	100.0	100.001	00.00	100.00	00.00	100.001	00.00	00.00	00.00	100.0	100.0	100.0	100.00	00.00	0000
3300		100.0	100.001	00.00	100.00	00.00	100.001	00.00	00.00	00.00	100.0	100.0	100.00	100.00	00.00	0000
7 2000		100.0	100.001	000	100.001	00.00	00.00	00.00	00.00	00.00	100.00	100.0	100.00	100.00	00.00	0000
71 Y1 0081 0081		7100.0100	100.00	00.00	00	00.00	00.00	00.00			100.0	100.0	100.0		00	00.00
V I V I 1200		100.0	100.001	00.00	100.001	00.00	00.00	00.00	00.00	00.00	0.001	100.0	1000	100.001	10.00	0000
88		1000.0	100.001	0.001	100.001	00.00	00.00	10.00	00.00	0.00	100.0	100.0	0.001	100.00	00.00	0000
8 %		100.0	100.001	0.00	00.00	00.00	00.00	00.00	00.00	0000	100.00	100.0	100.00	00.00	00.00	000
88		7100.0	100.001	00.00	0.00	00.00	00.00	00.00	00000	000	100.0	100.0	100.00	00.001	00.00	0000
88	• •	7100.0	100.001	00.00	0000	00.00	00000	00.00	00.00	00.00	0.00	00.00	100.00	00000	00.00	0000
8°	66.7	100.0	100.001	0.00	100.00	00.00	00.00	00.00	00.00	0000	0000	0000	00.00	100.001	00.00	0000

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DCT ....

22 HOURS (1.5.T.)

≥ 5/16 2 Al

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AI

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M Al

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VI VI

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2

CEILING (FEET)

NO CEILING

V 1 8000

900 AI AI

VIVI 86 88

Y 1400

VISIBILITY (STATUTE MILES)

N N

0 Al

944 886 888 888 888

9 8 AI AI

0

1 1800 1300

1200

88

88

88

VIV 200

0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

80

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100

ALL HOURS (1 S T.)

No CRIMING 34.   33.0   36.0   59.3   00.3   00.3   00.3   00.4   00.0   00.4   00.4   00.4   00.4   01.0	CEILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MIL	(\$3)						
37.5 37.5 58.1 62.1 64.7 65.7 65.7 65.7 65.2 66.2 66.2 66.3 66.3 66.3 66.3 67.3 67.1 67.1 67.1 67.1 67.1 67.2 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3	(FEE)		1025	8 41	AI AI	1					Ā	- truni		1	A CONTRACTOR OF THE PARTY OF TH		
2000 37.5 57.9 62.0 64.7 65.7 65.7 65.2 66.2 66.2 66.3 66.3 66.3 66.3 66.3 66	NO CEILING				6	0	0	0	0	0	ċ	0	0		:	=	-
110000 37.7 58.1 62.1 65.2 66.2 66.2 66.7 66.7 66.7 66.8 66.8 66.8 67.2 67.3 67.3 67.3 67.3 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3	N 20000					3	3	•		•	•	•	;		0	•	67.2
10000 37.7 58.1 62.1 65.2 66.2 66.2 66.7 66.7 66.7 66.7 66.8 66.5 66.8 66.8 67.2 67.2 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3	Dirt will			5.	5	.0	9	•	9	.9	9			.0			
38.2 58.8 62.8 64.8 65.8 67.9 67.9 67.3 67.3 67.3 67.3 67.3 67.5 67.5 67.9 67.9 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0				:	65.2					•		;	•	•	:	-	
13000 38.9 59.4 63.6 66.8 67.9 67.9 68.4 68.4 68.4 68.5 68.5 68.5 68.5 68.5 68.9 68.0 69.0 69.0 69.5 69.5 69.5 69.5 69.7 69.7 70.0 70.2 70.2 70.0 39.2 60.3 64.5 67.9 69.0 69.0 69.5 69.5 69.5 69.7 69.7 69.7 70.0 70.2 70.2 70.2 70.0 39.2 60.3 64.5 67.9 69.7 69.7 70.0 70.2 70.2 70.2 70.2 70.2 70.2 70	and the same			5	5.	÷		-			:	:			•		
39.2 60.3 64.5 67.9 69.0 69.0 69.0 69.5 69.5 69.5 69.5 69.7 69.7 69.7 70.0 70.2 70.2 70.2 70.2 70.2 70.2 70				3		-	-					8			8	6	
39.2 60.3 64.5 67.9 64.5 67.9 69.0 69.5 69.5 69.5 69.7 69.7 69.7 69.7 70.0 70.2 70.0 70.0 70.0 70.0 70.0 70						6	6	6		6	6	6	6	6	0	0	70.5
39.7 60.8 65.0 66.5 69.7 70.9 70.2 70.2 70.2 70.2 70.4 71.6 71.6 71.6 71.0 71.9 72.1 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3				;	-	6		6		6		6		6	0	0	70.5
40.0 62.0 66.2 69.7 70.9 70.9 71.4 71.4 71.4 71.4 71.6 71.6 71.6 71.6 71.6 71.7 72.1 72.2 72.4 72.0 71.6 71.6 71.7 72.1 72.2 72.4 72.0 72.0 72.0 72.0 72.0 72.4 72.4 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0				5	8	6	6	0	0	0	0	0	0	0			71.2
41.1 62.1 66.3 69.9 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.7 71.7						0	0	-	-	-	-	:	-	-			72.4
41.3 62.3 66.5 70.0 71.2 71.7 71.7 71.7 71.7 71.9 71.9 71.9 71.9					6	-	-	-	-:	-		-					72.6
41.6 63.0 67.2 70.7 71.9 72.4 72.4 72.4 72.4 72.4 72.0 72.0 72.0 72.0 72.0 73.1 73.1 73.1 73.1 73.2 73.2 73.2 73.2 73.2 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5				;	0					-			71.9				72.7
42.3 63.6 64.0 66.2 71.7 72.9 72.4 73.4 73.4 73.4 73.2 73.2 73.2 73.2 73.2 73.5 74.1 74.5 73.0 72.9 72.4 73.4 73.4 73.4 73.4 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5				-	0					2.						3	73.4
3300 42.6 64.0 68.2 71.7 72.9 72.9 73.4 73.4 73.4 73.4 73.5 73.5 73.6 73.6 73.6 73.9 74.1 74. 3000 43.9 65.7 69.9 73.4 74.6 74.6 74.8 75.3 75.3 75.3 75.4 75.6 75.6 75.6 75.9 76.1 76 2000 45.3 67.3 67.3 77.4 77.4 77.4 77.6 78.0 76.1 78 70.1 80 70.2 66.1 68.5 72.9 76.6 77.8 77.3 77.3 77.4 77.4 77.4 77.6 78.6 79.1 79.3 79 79.3 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.3 79.5 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79 79.5 79.6 79.1 79.3 79.5 79.6 79.1 79.3 79.5 79.6 79.1 79.3 79.5 79.6 79.1 79.3 79.5 79.6 79.1 79.2 70.6 79.1 79.8 79.2 79.8 79.2 79.8 79.1 79.8 79.1 79.8 79.1 79.8 79.1 79.8 79.1 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8				-								•				3	100
3500 43.9 65.7 69.9 73.4 74.6 74.8 75.3 75.3 75.3 75.4 75.4 75.6 75.0 75.0 76.1 76  2500 45.3 67.3 71.7 75.4 76.6 77.8 77.3 77.3 77.3 77.5 77.4 77.4 77.6 78.6 78.6 78.7 77.6 78.1 78  2500 46.1 68.5 72.9 76.6 77.8 76.0 78.5 78.5 78.5 78.5 78.6 78.6 78.8 79.1 79.3 79  1500 46.1 68.5 72.9 76.6 77.8 78.6 78.5 78.5 78.5 78.5 78.6 78.6 78.8 79.1 79.3 79  1500 46.5 69.2 73.7 77.4 78.6 78.8 79.3 79.3 79.3 79.5 79.5 79.6 80.0 80.1 80  1500 46.5 69.2 73.7 77.4 78.6 78.8 79.8 79.3 79.3 79.5 79.5 79.6 80.0 80.1 80  1500 50.2 74.9 80.6 84.7 86.9 82.0 82.5 82.5 82.7 82.7 82.8 83.2 83.8 83  1500 50.2 74.9 80.6 84.7 86.9 84.8 89.1 89.1 89.1 89.1 89.2 89.2 89.2 89.2 89.9 90.1 90.1 90.1 90.1 90.1 90.1 90.1 9						2	2					3.		3			74.4
2300 45.3 67.2 71.7 75.4 76.6 77.8 77.3 77.3 77.3 77.4 77.4 77.4 77.6 73.0 78.1 78.2 20.0 46.1 68.5 72.9 76.6 77.8 76.0 78.5 78.5 78.5 78.5 78.6 78.6 78.6 78.8 79.1 79.3 79.3 79.3 79.5 79.5 79.5 79.6 80.0 80.1 80.1 80.1 80.2 40.8 71.9 76.6 77.8 76.6 77.8 76.0 87.2 82.5 82.7 82.7 82.7 82.8 83.2 83.3 83.3 84.0 84.5 84.5 84.7 84.7 84.7 84.9 85.2 85.4 85.1 80.0 50.2 74.9 80.0 80.1 80.2 84.0 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2					73.4		*					5		3			100
2000 46.1 68.5 72.9 76.6 77.8 76.0 78.5 78.5 78.5 78.5 78.6 78.6 78.6 78.6 79.1 79.3 79.3 79.5 190.0 46.5 69.2 73.7 77.4 78.6 78.6 78.5 79.3 79.3 79.3 79.3 79.5 79.6 80.0 80.1 80.1 80.1 80.2 73.7 77.4 78.6 80.5 81.8 82.0 82.9 82.5 82.5 82.5 82.7 82.7 82.8 83.2 83.2 83.3 83.3 1000 50.2 76.9 80.5 84.7 86.9 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5				-	3.		.0	-	•	-		:		-	8		00
1500		;		2	.9				•	8		8			6		0
1500 48.8 71.9 76.8 80.5 81.8 82.0 82.5 82.5 82.5 82.7 82.7 82.8 83.2 83.3 8 83.2 83.3 8 1200 49.3 73.2 76.5 82.7 82.8 83.2 85.2 85.4 8 1000 50.2 74.9 80.6 84.7 84.0 87.0 87.0 87.0 87.2 87.2 87.4 87.7 87.9 8 800 51.4 76.9 82.8 87.0 89.1 89.1 89.1 89.1 89.2 89.2 89.2 89.4 89.7 87.7 87.9 8 800 51.4 76.9 82.8 87.0 89.1 89.1 89.1 89.1 89.2 89.2 89.2 89.4 89.7 89.9 9 89.0 80.1 90.2 90.1 90.2 90.6 90.7 9 800 51.4 76.9 82.8 87.0 89.1 90.1 91.1 91.1 91.1 91.1 91.1 91.3 91.4 91.9 91.9 91.9 91.9 91.9 91.9 92.2 77.0 87.2 87.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 9				3.	-	8	00	6			6	6		6	0		
1200 49-3 73-2 78-5 82-3 83-8 84-0 84-5 84-5 84-5 84-7 84-7 84-9 85-2 85-4 8 1200 50-2 74-9 80-6 84-7 86-6 86-5 87-0 87-0 87-0 87-2 87-2 87-4 87-7 87-9 8 1200 50-2 74-9 80-6 84-7 86-6 86-5 87-0 87-0 87-0 87-2 87-2 87-4 87-7 87-9 8 1200 51-4 75-9 82-8 87-0 89-1 89-1 89-1 89-1 89-1 89-2 89-2 89-4 89-7 89-9 9 1200 51-4 75-9 82-8 87-0 89-1 89-2 89-9 89-9 89-9 90-1 90-1 90-2 90-6 90-7 9 1200 52-2 78-3 84-7 88-9 91-1 91-1 91-1 91-1 91-3 91-3 91-4 91-4 91-8 91-9 9 1200 52-2 78-3 84-7 88-9 91-1 91-4 92-3 92-3 92-3 92-4 92-4 92-4 92-6 92-9 93-1 9 1200 52-2 78-3 84-7 88-9 91-3 91-3 91-3 91-3 91-3 91-3 91-4 91-9 91-9 91-9 91-9 91-9 91-9 91-9		8				-	2	2	2.	2.	2	3.		2.			
1000         50.2         74.9         80.6         84.7         86.5         87.0         87.0         87.0         87.2         87.2         87.4         87.7         87.9         87.9         87.2         87.4         87.7         87.9         87.9         87.2         87.4         87.7         87.9         87.9         87.2         87.4         87.7         87.9         87.9         87.2         87.4         87.7         87.9         87.4         87.2         87.4         87.7         87.9         87.4         87.2         87.4         87.7         87.9         87.7         87.4         87.7 <th< td=""><td></td><td>6</td><td></td><td></td><td>:</td><td>83.8</td><td>*</td><td>*</td><td>;</td><td></td><td>*</td><td>;</td><td></td><td></td><td>3</td><td></td><td></td></th<>		6			:	83.8	*	*	;		*	;			3		
500 51.0 76.4 82.2 86.4 88.2 88.4 89.1 89.1 89.1 89.2 89.2 89.2 89.4 89.7 89.9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		0			;	0	.0	:	-	-	-	-		-	-		
50.4         76.9         82.8         87.0         89.1         89.9         89.9         89.9         89.9         89.9         90.1         90.1         90.2         90.6         90.7 <th< td=""><td></td><td>-</td><td></td><td>2.</td><td>. 9</td><td>88.2</td><td>8</td><td></td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>•</td><td></td></th<>		-		2.	. 9	88.2	8		6	6	6	6	6	6	6	•	
20.         51.7         77.6         83.8         88.1         90.1         91.1         91.1         91.3         91.3         91.4         91.8         91.9         9           50.         52.2         78.3         84.7         88.9         91.1         91.4         92.3         92.3         92.4         92.4         92.4         92.3         92.3         92.4         92.4         92.3         92.3         92.4         92.4         92.3         92.3         92.4         92.4         94.4 <td></td> <td>:</td> <td></td> <td>3</td> <td>-</td> <td>0</td> <td>6</td> <td></td> <td>6</td> <td></td> <td>6</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td>		:		3	-	0	6		6		6	0	0	0	0		
50.2         78.3         84.7         88.9         91.1         91.4         92.3         92.3         92.4         92.4         92.6         92.9         93.1         93.1         93.1         93.3         93.3         93.6         94.9         94.1         93.1         93.3         93.3         93.6         94.1         94.4 <th< td=""><td></td><td>:</td><td></td><td>3</td><td>8</td><td>0</td><td>0</td><td>-</td><td>:</td><td>:</td><td>:</td><td>-</td><td>-</td><td>-:</td><td>-</td><td></td><td></td></th<>		:		3	8	0	0	-	:	:	:	-	-	-:	-		
300       52.2       78.8       85.2       89.4       91.9       92.1       93.1       93.1       93.3       93.3       93.9       94.4       94.6       95.0       94.6       95.0       96.0       94.6       95.0       95.0       94.6       94.6       95.0       95.0       96.0		3		;		-	-	2	2.	2	2	N	3	2.	2	93.1	
200 52.7 79.5 85.9 90.2 93.1 93.6 94.4 94.4 94.4 94.4 94.6 95.0 95.1 95.5 95.8 96.0 9 200 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.5 95.5 95.8 95.8 95.8 96.1 96.5 96.0 9 100 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.5 95.5 95.5 95.6 95.1 96.6 97.1 97.6 9 0 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.5 95.5 95.5 96.0 96.1 96.6 97.1 97.8 10		2.		5	6		2	3	m	3		3		3.	3		
200 52.7 79.5 85.9 90.2 93.3 93.8 94.8 94.5 95.0 95.0 95.1 95.1 95.5 95.8 96.0 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2		:	0			3		3	*	;		3	3	5	
200 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.3 95.5 95.5 95.8 95.8 96.1 96.5 96.6 9 100 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.3 95.5 95.5 96.0 96.1 96.6 97.1 97.6 9 0 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.3 95.5 95.5 96.0 96.1 96.6 97.1 97.810		5		3	0			:	:	5	3.	5	95.1	3	5	•	96.3
100 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.3 95.5 95.5 96.0 96.1 96.6 97.1 97.6 9		2.		3.	0			3		5		5.	95.8	;			
0 52.7 79.5 85.9 90.2 93.6 94.3 95.3 95.3 95.5 95.5 96.0 96.1 96.6 97.1 97.810		. 2		2.	.0		6.96	3.			-	. 9	1.96	0		1.	
THE PERSON NAMED IN COLUMN TWO IS NAMED IN CO		2.		:	0	_	94.3	3			_		1 96			-	

TOTAL NUMBER OF OBSERVATIONS

594

703	CEILING	VERSUS	VISIBILITY	JAN 78

0 11					
NI NI					
> 5/16					
22					

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

NON

1
2
 OBSERVATIONS
DEEK O
I NOMBER
 2

0

					FROM	HOUR	LY OF	(FROM HOURLY OBSERVATIONS)	VION	(S					ě.	HOURS (L S T.)
CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEE)	2 41	۸۱	AI AI	<b>*</b> Al	E AI	≥ 2%	1 2	¥1 Y	¥1 Y	- 1	% Al	* 1	× AI	≥ 5/16	AI ×	
NO CEILING																
18000 1 4000																
Y 14000																
N 10000																
V V 8000																
9006																
2 4500 2 4000																
3300																
Y 2300																
V 1800																1
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88 AIAI																
VIVI 58																
8 8																
38 14 14																
80																

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOV MONTH O4

050

CEILING							N.	VISIBILITY (STATUTE MILES)	ATUTE MIL	(S)						
(JEE)	2	AI	S AI	71	E AI	≥ 2%	N AI	۲۱ ۲۲	¥1 ¥	Ā	X Al	*	VI %	≥ 5/16	N AI	٨١
NO CEILING																
2 14000 14000																
≥ 14000 ≥ 12000																
2 10000 2 9000																
N 7000																
9000 AI AI																
VIVI 4000																
> 3500																
≥ 2500 ≥ 2000				1												
2 1800 2 1500																
Y 1 70 1000																
9.8 AIAI																
VIVI 808																
98 4141																
88 NA																
80																

TOTAL NUMBER OF OBSERVATIONS

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93116

0

SAN NICOLAS, CALIFORNIA STATION NAME

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON

3488

07 HOURS (1.5.T.)

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	S S						
(FEE)	2 1	o Al	S AI	AI AI	e Al	2 2%	2 2	YI %	VI 71	-	¾ Al	*	Z AI	≥ 5/16	N AI	O AI
NO CEILING	52.9	65.3	1099	9699	6.99	669.9	9000	87.8	67.8	67.8	68.6	4.89	78.2	75.2	75.3	40.69
	57.0					12.1	73.7		3.6	73.6		16.6	75.2	15.2		75.2
00091	57.9		71:17	72.7	72.7	72.7	72.7	73.6	73.0	73.6	74.4	74.4	75.2	75.2		75.2
	61.2		74.4	76.0	76.0	16.0	76.0	16.9	16.9	76.9	11.1	11.7	78.5	78.5		
17000	61.2		74.4	76.0		76.0	76.0	16.9	16.9	76.9	77.7	71.7	78.5	78.5	78.5	78.5
	61.2				16.9	16.9		11.1	77.7	17.7				19.3		19.3
000	61.2		75.2	76.9	16.9	76.9	16.9	77.7	7.77	7.17	78.5	78.5	79.3	79.3	79.3	19.3
1936	61.2			6.91	16.9		6.91	77.7	77.7	77.7	78.5			79.3	79.3	79.3
7000	61.2		75.2	16.9	16.9	76.9	76.9	77.7	77.7	7.27	78.5	78.5	79.3	79.3	79.3	19.3
	61.2		75.2		16.9	9	40.9	11:1	11.7	77.7	78.5		19.3	19.3		19.3
900	61.2		75.2	76.9	76.9	16.9	16.9	77.7	77.7	7.77	78.5		19.3	79.3	79.3	79.3
	05.0		16.0	11.1	17.1	11:1	17.7	78.5	78.5	78.5		19.3	80.2	0		30.5
8	62.0		76.0	77.7	77.7	7.77	7.17	78.5	78.5	78.5	19.3		80.2	80.2	80.2	80.2
	62.0		76.0	1.1	77.1	1.1	77.7	78.5		78.5	79.3	6		0		
38	62.8		76.9	78.5	78.5	78.5		79.3	79.3	79.3	80.2	80.2	81.0		81.0	81.0
	63.6		11.1		19.3	6.61	19.3	80.2	80.2	80.2	81.0		81.8	81.8	81.8	81.8
7000	63.6		77.7	79.3	79.3	19.3	19.3	80.2	0	80.2		81.0	81.8	81.8	81.8	81.8
	64.5		78.5	80.2			80.2		:	81.0	81.8	81.8	95.6			
1500	65.3		81.0	82.6	82.6	85.6		83.5	•	83.5	84.3	84.3	85.1	85.1	85.1	85.1
	66.1		81.8		84.3	84.3	84.3			85.1			80.8		86.8	86.8
000	66.1		82.6	84.3	85.1	85.1	85.1	86.0	86.0	86.0	86.8	•	87.6	87.6	87.6	87.6
	66.1		82.6	84.3	85.1	85.1	85.1	0.98		86.0	0			87.6		87.6
8	1.99		85.0	84.3	85.1	85.1	85.1	86.0	86.0	86.0	86.8		87.6	87.6	87.6	87.6
	66.1			84.3	85.1	85.1	85.1	86.0	86.0	86.0			87.6	87.6	87.6	
9	6.99		85.1	86.8	87.6	87.6	87.6	88.4	88.4	88.4	89.3	89.3	1.06	90.1	90.1	90.1
200	66.99				89.3	6.68		0			0		41.7		91.7	
1 400	699		86.8	89.3	90.1	90.1	1.06	6.06	6.06			91.7	95.6	95.6	95.6	95.6
300	6.99	84.3			1.06	1.06	1.06	6.06	6.06	95.6	m:			94.2		
	00.0		20.0		1.06	100		91.7	71.7	93.4	0.66	000	100	1001	1006	1006
8	6.00		86.8		1.06	100	6.06	91.7	21.7	49.6		95.0	2000	96.7	2000	48.4
	00.0	•	0000	0.60	100	100	40.4	1	1.16	73.4	33.0	0.64	100	100	21.00	000

0

TOTAL NUMBER OF OBSERVATIONS

121

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NDV NONTH 10

		10		0	~	0	~	0	m	m	0	0	0	0	2	0	0	-	0	-		0	0	•	0	0	0	0	0	0	0	0	o
	AI AI	10	.01	13.		Section 1	82.	83.	83.	83.	83.	83.	83.	83.	83.	83.	84.		86.	86.		88.		89.	91.		94.	95.	96	97.		00	00
	7	01	•		-	•		•	.3		.3		.3		.3	•	0					0.		.3	. 3	6.1	0		0	.3	.3	.3	.3
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	2 5/16	•	•	•	0	2.	2.	3.	83.3	3	83.3		3.				84.0	84.	9	86.	7.	88.0	6	89.3	-	3	*	5			•		0
	2	0:	•	•		•				.3				•	.3	.3	0		0		.3	0			6	.3	0	.3	0				
	Al	1	'	-	00		80		83	80		83	•		83		00	84	•	_	æ		•		0	6	0	6	0	16	96	86	98
	*	0.0			•	82.0	3.		33.3	83.3	33.3	83.3	33.3		83.3			84.	86.0	86.	1.	88.0	6	89.3	-				96.0		98.1	1.86	
	*	01					.7		3	-		.3		-	.3		0	-	0			0		.3		.3	0	.3	0	.3	.7	-	-
	ΑI	2	2		80		82		8	83		83	83		83	83		84		86		88	8	89	91		*		96		96	86	96
	-	•	•		0		3.	3.3		3.	3.3		3.3		3.3		4.0		6.0	6.7		8.0			-	3	4.0					8.0	
MILES)	•	0	-		7		7	-	3	_				_	3		-		1111	7		0				3 8	0	9		3	_		0
VISIBILITY (STATUTE MILES	Y 1%	0	2	3	80		82.		83	83.		83.			83.	83.	84.	84.		86.		88.	68	89.	91.		94	95.	96	97.	98	98	98
TY (ST.	175	0.0			0.7	2.0		3.3	3.3	3.3	3.3		3.3		3.3		4.0	4.7	0.0	6.7		0.8		6.6	•		0.4	5.3	0.0		•	0.9	•
VISIBIL	AI	0	1	3	7		1 8		8		3	3		_	8	-		7 8		7 8				8		9		3		1 9	9	3 6	3
	N N	10.	8			82.			83.				83.		83		84.	84.	86.	86.		88.				93.		95.		96	97.		97
	21%	0	•		0.7	•	2.7		3.3		3.3	•	3.3		3.3		0.4	4.1	0.9	1.9	7.3	0.8	6.6	6.3		3.3	4.0	5.3	0.9	6.1	6.7	1.9	5.7
	AI	0,0			00	00		2	3	8		20		3	30	8		100		8		20	00	30		5	0		0	6		6	7
	N AI				80.	82.			83.				83.	3	83.		;	;			1:	*		6		3.		5.			96		96
	•	01		.3		0	2.7	6.3	6.	6.1	6.1	.3	.3	3.3	3.3	9.3	0.4	-	0.9	2.1	7.3	6.1	1.1	1.1	0.0	2.0		. 3	0.4	1.5	4.7	4.7	4.7
	٨١	-		-		8		00	3 83	00		00	3 83	0	3	3		8		8	3 8	3		88 /		0		1	0	6	0		0
	AI	68.	•			•						•				81.					85.	85.	86.	86.	•			90.			•	•	•
	•		O	~	O	0	0	-	-	-	-	-	~	-	-	~	-	0	0	0	-	-	Ó	0	<u>m</u>	-	0	0	0	-	~		-
	Al	7 67.						1				185.2		S.E.		100		1			L. Cal	0.00		and the		Carrie .		1		Willen.	110.103	Come S	ALC: N
	2	54.	95.	62.	63.	04.	65.3	999	999	999	66.0	66.0	66.0	06.0	66.	66.	.99	67.	68.	69	69	69	20.0	70.0	71.	72.	72.	72.	72.6	72.0	72.	72.	72.
0		-	-											-													9		9		200	8	
CEILING	(FEET)	NO CEILING	14		7 16000		1200	100	8		141		200		141		300	100	700	VI 18	≥ 1500		100	VI	8		3		141		N N		Al
		-		1			110.6		AL IS		120		120		11.00											-					DOM:		

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.7.) NON

CEILING (FEET)	2	A	\$9 A1	A	S AI	× 2%	VISII	VISIBILITY (STATUTE MILES)	TUTE MILE	(8)	× 1	at Al	S AI	8/18	3	A
	'				,											
> 20000	0 0 0	81.3	8	84.7	2 6	2 00	0 40	200	85.0	8.00	85.0	85.3	85.2	85.9	200	85.3
October 4	9	82.0	84.7	5	. 0	86.0			86.0	9	86.0		86.0		0	0
14000	64.7	83.3	86.0	86.7	-		87.3	-			87.3	-	87.3		87.3	87.3
14000	64.7	83.3		86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
7 12000	64.7	83.3	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
N 10000	65.3	84.0	86.7	87.3	88.0	88.0	88.0	0.98	88.0	88.0	88.0		88.0	88.0	88.0	88.0
0006	65.3	84.0	86.7	87.3	88.0			0.88	88.0	88.0	88.0	88.0		88.0	88.0	88.0
8000	0.99	84.7	87.3	88.0	88.7	88.7		88.7	88.7	88.7	88.7		88.7	88.7	88.7	88.7
7000	0.00	84.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0009	0.99	84.7	87.3	88.0	88.7	88.7		88.7	88.7	88.7			88.7	88.7	88.7	88.7
2000	0.99	84.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
4500	999	84.7	87.3	0.88	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
14	0.99	84.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	0.99	84.7	87.3	88.0	88.7		88.7	88.7	88.7	88.7	88.7					88.7
3000	66.7	85.3	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
100	67.3	86.0	88.7	89.3	0.06	0.06	0.06	0.06	90.0	0.06	0.06	0.06	0.06	0.06	0.06	0.06
2000	68.0	86.7	89.3	0.06	1006	90.7	90.7	0			2006	2006	40.4	0	40.4	40.1
	0.89	86.7	69.3	0.06	1.06	1.06	1.06	40.06	40.06	1006	1.06	1.06	1.06	4004	4006	
1500	69.3	88.0	40.1	61.3	0.26	92.0	95.0	0.26	92.0	95.0	95.0	92.0	95.0	92.0	92.0	92.0
	69.3	88.7	0.26	92.7	3	3		63.3	93.3	63.3	3		3.	93.3		
1000	69.3	88.7	0.26	93.3	0.46	0.46	0.46	0.46	0.46	0.46	0.46	*	0.46	0.46	0.46	0.46
	69.3	88.7	92.0	63.3	0.46	0.46			0.46	0.46	4	0.46	0.46	0.46	0.46	Read I
80	70.0	89.3	92.7	0.46	24.7	94.7	1.56	4.7	4.7	64.7	1.46	24.7	24.7	1.46	7.46	24.7
	10.0	90.0	63.3	1.76	62.3	95.3	6.56	62.3	95.3	6.56	62.3	95.3	95.3	95.3	699	
8	71.3	91.3	1.46	0.96	1006	96.7	1.96	100	1006	1.96	1.96	296	1006	7.96	1096	1.96
800	71.3	91.3	1.46	0.96	1.96	90.1		1.96	1.96	1.96	1.96		1006	1096		
100	72.7	92.7	0.96	97.3	0.86	0.86	0.86	0.86	0.86	98.0	0.86	0.86	0.86	98.0	98.0	0.86
300	72.7	92.7	0.96	64.3	•		0.86	1.86	48.7	7.86	200	1.86	1.86	98.7	28.7	
200	72.7	92.7	0.96	97.3	•		0.86	98.7	2.86	98.7	1.86	1.86	7.86	98.7	68.7	
92 4	72.7	92.7	0.96	97.3	98.0	0.86	0.86	1.86	1.86			1.86	6	6		0.00
0	72.7	92.7	0.96	97.3	0.86	98.0	0.86	1.86	18.1	1.86	1.86	1.86	6.66	66.3	99.31	0000

TOTAL NUMBER OF OBSERVATIONS

150

0 0

SMOS DIRNAVOCEANMET

**CEILING VERSUS VISIBILITY** 

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (LST.) NOV

0 0

CEILING																
(FEF)	5 VI	o Al	8 41	4	e Al	Y 2%	2 4	¥1 ¥1	×1 ×1	-	× AI	*	Z AI	2 5/16	N AI	٨١
NO CEILING			:	3.	3	5	3	5.	5		5	5	5	5.	-	
N 20000				82.3	2	2.	2	82.3			3.	82.3		2.	82.3	82.3
			:	2.	2.	2.	3	2	2.		2.		2.	2.	2.	
909		78.7	81.6	83.0	83.0	83.0	3	83.0	83.0		3			3	3	83.0
			-	4.	*	*	3		*			84.4		*		
141				84.4	84.4	*	4		*		;	84.4	;	;	*	84.4
				5.	150	5	1		3		2		5	3	2	-
38	64.5	80.9	83.7	85.1	85.1	5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
100				85.1	3	3.	3		85.		5		5	3	5	85.1
38		81.6	:	5	:		-		85.		2		3	3	85.8	85.8
			:	85.8	3	5	3	85.	85.		3		:	5.	5	2
9006		82.3	:	87.2	87.2	-	-	87.	87.		-		-	-	-	87.2
1			:	87.2	-	1.	:	87.	87.		-				:	-
38		82.3	:	87.2	87.2	-	87.2	2 2	87.		-	87.2	-	-	87.2	
			:	87.2	-		2	87.	87.		1.				-	-
38	66.0			87.2	87.2	-	-	87.	87.		-		1.	7.	87.2	-
1			:	87.2	-		1:	87.	87.							87.2
2000			;	87.9	-	-	-	87.	87.		-		-	-	87.9	-
			•	87.9	-		-	87.	87.					-		87.9
8			;	87.9	87.9	:		87.	87.		-		1.	-	-	87.9
			:	89.4	6	6	6	89.	89.		6			6	4	0
9				90.1	90.1	0	0	90.	90.				0	0	0	90.1
	66.7		6	8.06	0	0	0	.06	06		0			0		0
8	67.4	86.5		91.5	:	-	-	91.	.:		91.5	91.5	-	-	91.5	91.5
	67.4		0	91.5	-	-	-	91.	91.		-			-	-	91.5
8	68.1	87.9	:			2	2	92.	92.		2		3	2	5	
					*	*		. 46	94.					*		
8	68.1	88.7	2.				;		94.		;			*	;	94.3
	8				9	.0	.0							:		
8 1A1	8	90.1	64.3	96.5	96.5		97.2	97.2	97.2	97.2	7.	97.2	-	97.9	-	8
	68.8	90.1	;		96.5		•	100	•		2.76	97.2	•	8	9.86	1000
1	8		7		-	,	•				-		00	a	a	00

(3)

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VON HOURS (1.5.7.)

200

		N	7	7	7	3	2	2	2	3	2	2	-	2	2	2	-	2	2	3	2	2	3	3	0	5	5	-	~	-	0	00
	AI					6	6	6	6	6		6		6			6	0			0				6			*		*	ė	00
		200	-									_		-		-	8	-		2 8		2		S	0	5	20	6	0	1	-	200
	AI		:	:	;	6		6		6		6	6	6	6	6		6	6		6	6	6	.6			6	;	;	;	:	::
		20	-											-		_		-									80		6	6	6	00
	5/16		•							•	6	•					6				•							4	*			3 4
	AI	20 0	9	0	20	80	8	8	3	00	9	0	00	8	2	80	8	80	00	80	8	20	8	30	0	8	8			0	3	20
	2	4.2	•		•												9.5												4.7		4.7	4 4
	AI	20 6	3 6	0 :	20	00	œ	20	00	00	œ	00	œ	20	•	-	60	-	œ	Œ	80	20	æ	00	<b>a</b>	80	00	0				00
	*	2.	•-	7 .																			3.5				9.5		4.7	4.		4:1
	AI	<b>20</b> a	9	0	2	00	8	80	00	80	æ	80	00	80	0	00	8	00	00	80	8	00	(3)	00	00	00	0	9	6	0	6	9 9
	*	20	•		•																								:			7:1
	AI	8	9	0	8	8	8	8	8	8						_			80	8		in a			80	8	8	6	6	76	76	76
	-		•																	•								1.1			7	7
ES	AI	84		3			89		89								68						50						76	36	9	94
E AIL	7.1	.2	•	•	•																										.7	.,
VISIBILITY (STATUTE MILES)	Al	8				89	68	89	89	89	89	88	89	8	89	6.8	89	8	89	83	68	8 9	89	8	8	89	89	94	96	56	94	94
Y (ST	7.	~																													. 7	.7
BILLT	AI	8	0	0	84	89	8	8	89	89	89	89	8	8	8	8	89	8	68	8	8	600	89	8	8	8	8	76	94	36	94	90
VIS.	7	2																													. 7	
	AI	8	0	0	8	89	89	68	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	76	94	4		46
	21%	20										5			10	c.	3		5			.5	S.	S.	5		5			-	. 1	
	AI	20 0	5	4 :	34	68	68	89	89	89	89			68			89	89	8	68		68		69		68	89	46	36	46	94	96
		20	•																									1.	1.	-	. 7	
	Al	40	0	2	84	89	89	89	89	68	89	89	89	89	89	89	89	89	89	89	89	89	68	89	89	8	68		36	46	96	46
		-		-!	-	0	0.	0	0.	c·	0	0.	0	0.	0	0.		0.	0	0.	0.	0.	0	0.	0	0	0	2	~	2	. 2	2.5
	AI	E	0	0	73	13	13	19	4	4	19	13	4	5	19	5	79	10	13	19	10	4	4	19	19	61	13	84	84	58	84	48
	-	-	:	-1	1.	0	0	0	0	0	0.	0	0	0	0	0	0	0	0	0	•	0.	0	0	0.	0	0	2	~	~	.2	20
	AI	55		2	13	2	19	13	13	19	19	2	19	0	0	0	0	0	19	19	13	19	13	13	19	19	19	84	84	84	84	4 8
			:	-	-	0	-		-	-	_	1	-	1 =	-		-	-	-	-	1	-	-	-	-			1 -	~	~	. 2	22
	AI	13	2	2	13	19	19	19	19	13	19	19	19	19	4	19	19	19	19	19	13	4	13	19	19	19	10	84	3		3	84
	_	0.0		2	0	~	7	2	2	2	~	2	N	2	N	7	N	2.	~	~	2	~	7	.2	~	2	~	*	*	3.		* *
	2	52	-	-	21	63	63	63	63	63	63	63	63	63	63	63	63	69	63	63	63	63	63	63	63	63	63	89	00	-	a	68
		-	-								7																	-				
CEILING	(EET)	CEILING	3	18000	16000	4000	12000	0000	800	8000	90	900	900	4500	9	3500	300	2500	2000	1800	1500	1200	1000	8	8	700	8	500	8	8	200	8.
2	=	2	1	AI			IAI		IAI	٨	IAI	^	IAI	^	IAI	^	1 11	1	IAI	Al	Αl	A	IAI	A	A	٨	IAI	٨	IAI	Al	AI	AIAI
	-	-	_	-	-	_	-	-	-	-	-	_	-	_		_		_	_	-	-	-	-	_		_	-	_	_		_	_

TOTAL NUMBER OF OBSERVATIONS

0

0

-

SMOS DIRNAVOCEANMET

0

0

Q

8880

-

NON WINOW

22 HOURS (1.5.7.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

**CEILING VERSUS VISIBILITY** 

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

2 \*

% Al

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71 1

71

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2 2%

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4

17

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2

CEILING (FEET)

NO CEILING

VI VI 18000 1 16000

12000

VI VI 000 000 000

9 8 AI AI

4500

ALAI

3000

200 1 × 1 ×

1500

ALAI

1200

AI AI MIM

88

88

88

ALAL

88

MAIA

80

AI AI

V V 8000

VISIBILITY (STATUTE MILES)

٨١

× Al

2 5/16

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

0

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LS.T.) NON

0 0

0

CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILI	(S)						
	2	o Al	\$ AI	<b>VI</b>	M Al	1 2%	AI	VI %	YI 71	<u></u>	× AI	* Al	Z AI	> 5/16	× Al	AI
NO CEILING	54.9	76.6	71.3	72.3	72.6	80.2	72.0	72.8	80.4	72.8	80.0	80.6	13.2	80.7	73.2	13.2
V 18000	61.6	16.	.8	80.0			0	0	0		80.9		81.1	-	81.1	81.1
	1.20		:	•	-	•	-	01.0	-	-	-		:		-	61.0
Y 14000	63.6	22		82.0	83.0	83.1	83.0	83.3	83.3	83.3	83.5	83.0	83.7	83.7	83.7	83.7
	4.40	80.		83.3			3	84.0			*		. 4			84.3
8	9.49	80.		83.3		•	83.8	84.0		*		4		84.3	84.3	84.3
	04.5	80.		83.5	84.0				84.2	84.2			84.5	84.5	84.5	84.5
V 7000	04.7	80.	53.3	83.7	;	*	*	84.3		. 4	*	84.5	3	84.7	84.7	84.7
909 AI	04.7	9	82.	63.	84.2	84.2	;	4.3	;	84.3	;	000	200	;		84.7
	6.90	00	82.		3	*	*	24.	3	;	*		0	6		85.0
4500	65.1	0 0		24.	84.7	84.7		. 4		84.0	85.0	000	85.2	85.2	85.2	85.2
	65.1	08	82.	84.2					3	,	3		3	3	3	85.2
88	65.6	8	83.		85.2	85.2		85.4					85.7		85.7	85.7
1	66.1	81.	83.	85.2	5	5		85.9	5.	5	86.1		86.2	86.2	86.2	86.2
7 2000	9099	82.	84.							86.6		86.8	•	.0	;	86.9
1800	67.0	82.		86.2	86.08	80.00	86.8		86.9	0.00	1.78	87.1	87.3	87.3	87.3	87.3
	67.60	7 0	100	•	-0	. 0		0		0				80.5		
N N	080	85	87.	89.0		89.9	80.00			90.06	90.2	90.2	0		406	90.4
	0.99	85	87.		0			0		ò		0	0	90.5	5006	90.5
8	68.7	85.		6.68				91.1		-		91.2	-	91.4	91.4	91.4
700	68.6	86.	88.	·	-	-		91.7	21.7		91.9	616		92.1		92.1
	09.5	87.		91.9	•	•		•		6	•	73.3	3.	73.5	73.5	93.5
88	700	200		62.0	200	•	;			0 0 0		06.0	0.00	0 40	0.80	94.
	0	NON	0.0	9				•						0.70	0.40	04.0
8 8 N N	70.2	89		94.3	95.5	98.5	96.0	90.96	90.00	96.9	97.4	97.4	97.9	98.1	98.1	98.5
	70.2	89.		6.46		95.5			0	9	4.16	91.4	8	98.5	8	1.66
0 4	70.2	melal	92.3	64.3	95.5	95.5		90.06	90.96	6.96	97.4	97.4	98.3	98.5	98.6	100.0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

581

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

93116

NO CEILING

0

CEILING (FEET)

VI VI 0009 0009 0009

VIVI 7000

3300

V 1 V

1 N I A

VIVI 88

VIVI 980

88

AIAI

88 88

MAI

AIAI

88

ALAI

80

DEC

OFO

0 Al OL HOURS (LST.) VI VI 2 5/16 2 \* % Al PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) VISIBILITY (STATUTE MILES) ¥ 1 × 1 7 ۲ ۸۱ 1 2% N Al 4 ۰۵ ۸۱ ۰ ۸۱ 2

SOMS DIRNAVOCEANMET

=

0

TOTAL NUMBER OF OBSERVATIONS

04 HOURS (1 S T )

DEC

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the last of the l

SAN NICGLAS, CALIFORNIA

FROM HOURLY OBSERVATIONS)

SING	(TEET)	NO CEILING	N 18000	17000	0000 AI AI	900 A A I	0006 17	4500 4000	3300	2 2000	0081 Y 0081 Y	Y 1200 1200	908	88	2 300	88
	AI															
	S AI				`,											
	AI AI															
	e Al											•				
	Y 2%															
VIS	2 1															
VISIBILITY (STATUTE MILES)	YI %															
ATUTE MIL	¥1 Y															
.ES)	Ā							).								
	* AI															
	*															
	X Al															
	≥ 5/16															
	NI NI															
	N N															

0

TOTAL NUMBER OF OBSERVATIONS

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (1.5.T.) DEC

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES	(S)						
	2 4	AI	S AI	4	ε Al	≥ 2%	K 2	×1 ×	×1 ×	1 2	% Al	* 1	N %	≥ 5/16	7 1	0 2
NO CEILING		62.6	70.2	72.5	73.3	73.3	73.3	73.3	73.3	67.9	67.9	74.8	75.6	75.6	67.9	67.9
000EL AT			-	73.3	7:		:								76.3	76.3
			-			* 1				0		-			•	:
N 1 4000			in		76.3		76.3								4.67	
0000 4	8.10		73.3	75.6	76.3	77.	76.3	76.3	76.3	78.6	78.6	78.6	79.6	79.6	80.2	80.2
					111	-			1:1	8					0	0
7000					77.1	77.1			77.1	8		-			0	0
999	•	72.9	1:4:	76.3	11:	13:	1:	1.1.	===	æ æ		78.5	40.4			80.2
					77:1				11:1						0	6
141		72.5	74.1	76.3	77.1	77.1		77.1	77.1	8			79.4		0	0
100			74.1	76.3	17.1			77.1	77.1	8.	•		40.64	19.4		80.2
3000	-		:		•								19.4		0	0
71 250	64.1	74.1	15.6	77.9	78.6	78.6		18.6	78.6	80.2	80.2		30.0		81.7	61.7
			:		5 6		0	:	0	:			2			3
38				80.9				81.7	-			83.2	84.0			:
								2.		*				;		85.5
N 1000		•	:	5	3.		3.	3		;		;	85.5	2	•	
08 A	65.7		0	83.2	84.0	0.48	84.0	84.0	84.0	88.5	•	85.5	80.3	86.3	87.0	87.0
			5 -	4.	. ,	. 7				1					. 8	
8 <b>8</b>	4.00			85.5	86.3	87.0		87.8	87.8				90.1		90.6	90.8
8				2.	86.3	-				0			1006			
	4.00		7		:	•		•		0	•	100	20.0	•		
88	4.99	80.0	82.4	86.3	87.0	88.0	88	89.3	89.9	90.06	90.8	90.8	95.4	91.6	92.4	92.4
8		•	82.4		-:	83	•	89.3	100	÷.	•	91.6	93.1	93.1	49.50	97.0
	00.	•		0000	0.70	6		:		21.0	:	•	1307	1301	5	5

TOTAL NUMBER OF OBSERVATIONS

131

2

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC

10 HOURS (1 S.T.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(JEE)	2 1	o Al	8 41	AI AI	E 41	Y 2%	2 41	٧١ ٧٦	VI VI	- 1	% Al	*	N %	≥ 5/16	× AI	0 11
NO CEILING		63.9	63.9	72.3	73.6	73.6	74.2	74.2	- 4	74.2	74.2	74.2		74.8	69.0	75.5
18000		70.3		72.3	73.6	73.0	74.2	. 0	76.2	3 4	74.2	76.1	76.8			77.4
			200	4		0				•		76.8			1.8	18.1
STATE OF THE STATE		::	: 5	19:1				18.						19.61		80.0
0006	•		74.2	76.1	77.4		. 8			8		•		79.4	0	80.0
VIVI 7000 7000	63.9	75.5	75.5	77.4	78.7	80.0	80.0	80.0	80.0	80.0		80.0	80.7	80.7	81.3	81.3
0000			76.1	78.1	79.4		00	80.7			80.7	80.7	-	81.3	4	91.9
			76.1	1.87		00	000	80.7		00		80.7	81.3			81.9
A STATE OF THE STA			76.8	78.1	40.08		80.7	80.7	80.7	0 -	80.7	80.7	81.3	-:-	81.9	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				81.9			-:		-:	- 3		81.3	- 5		25	
	9.89		6-	84.5	20	86.5	84.5	84.5	3 -	::	84.5	84.5	nr		50	
VI VI 120 1000				85.2	86.5		-6	89.0		89.0	-0	89.0	89.7	89.4	90.3	91.0
88			85.8	83.4		90.3	91.0	91.0	91.0		91.0	91.0	0-	90.3	-2	91.6
V1 V1 008			86.5	89.0	90.3	91.0	1.2		-2		- 2	91.6		92.3	200	93.6
8 8 8 8			87.1	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	36	92.9	93.0	94.2
300			87.1 87.1	91.0	92.3		::	94.5			94.8	94.8	94.8	94.8	::	96.1
71 YI 8 o			87.1	91.0	92.3	92.9	94.6	94.8	94.8	94.8	94.8	94.8	96.1	96.1	96.8	97.4

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET

0

0

0

CONTRACTOR STREET, STR

0

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

DEC NONTH 13

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	2	o Al	\$ 41	7	N AI	≥ 2%	2 4	71 71	¥1 V	-	% AI	*	% Al	≥ 5/16	AI 3	٨١
NO CEILING	54.8		67.7		67.7	67.7	-	67.7		67.7		67.7		67.7		9
¥ 20000	63.5	;		78.1		78.1						78.1		78.1	78.1	78.
	63.2				8				8	8	8		78.	1		78.
14000	63.2	76.8		78.7				78.7	78.7	78.7	8	78.7	-	78.7	78.7	78.
	64.5	0			0		0			0	0	•	80.	80.	80.	80.
17000	66.5	C		:	-	-	-	81.9	81.9		-	-	81.	81.		81.
	67.1	C		2.	2.		3	2.	2.	2	2.	2.	82.	82.	82.	
8 8	67.1	0		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.	2.
	67.1	C		2	2.		2		2	2	2.		82.		82.	
141	67.1	0		82.6	2	2		82.6	2.		3			3	82.	82.
	67.1	-			3.	3.	3.		3	3.	3.	3.	83.		83.	83.
800	68.4	N		84.5	85.2	85.2		85.2			85.2	85.2	85.	3	8	85.
	4.89	2			3	3	5	5		5.	5	5	85.	85.	85.	85.
8	68.4	N		84.5	3		85.2	85.2					85.	85.2	85.2	85.
100	4.89	N			3	5	5	3.		5	3	2	-	85.	85.	85.
300	68.4	N		84.5	5		-					85.2	85.	85.2	85	85.
1	4.80	N		84.5	3		5	5	5	•	3	3		85.	85.	85.
300	4.80	N		84.5	85.2		85.2	85.2		85.2		85.2		85.2	8	85.
1	9.89	2		4	3	5	3.	5		5.	3	3		5	85.	
200	69.7			0	6		6				6				89	89.
15	70.3	-			0						0				90.	.06
90	71.0	-		-	:	-	-	-			-				91.	
	71.0	0			2.	2.	2.	2		2	3				92.	92.
8	71.0	0	91.0	92.3	92.9	92.9	92.9	95.9	92.9	6.26	92.9	2		3		
	11.6	6			3		3.	3.			3		93.6	33	93.	
8	72.3	0			;			94.2	;	94.2	*			94.2	0	94.
	72.3	0		3	;	*				*	*		. 56		94.	
8	72.3	0			94.2	94.2		94.2		84.2			0	94.2		94.
	72.9	-			*		*	•		*	*		94.	*	94.	. 76
38	72.9	91.0	65.6	. 4	94.8	. 4	95.5	95.5	95.5	3	95.5		95.	•	0	96
92	72.9	-		34.5		8.46	5	95.5	95.5	95.5	3	95.5	95.5	96.8	0	97.
	72.0		7	7	-			4	2	-		U		*	70	

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN NICOLAS, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 DEC

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٥ ٨١	8 41	4	e Al	2 2%	2 4	۲۱ × ۲	¥1 Y	- AI	% Al	*	Z AI	≥ 5/16	N AI	0 11
NO CEILING			3				3	6.49		5		1.59			65.7	65.7
Y 2000		72.5	;	75.6	77.1	77.1	1:	77.1				77.9			77.9	77.9
	57.3	72.5	74.8	75.6		17.9	17.9	77.9	17.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
V 16000		73.3	5		8			•			6		6	6	•	79.4
					6	6	6	6	6	•	0		0	•		80.2
> 12000	58.8	74.8		77.9	0	0	:			ċ	0	0		0	6008	80.9
		76.3	8		:	-	-	•	-		2	2.	7	82.4		82.4
0006		76.3	78.6	79.	81.7	81.7	-	81.7	81.7	2.	2.	5.	82.4	3	82.4	
1	60.3	76.3	8	79.	-	-	-		:		2	2.	5.	•		82.4
7000		76.3	0	1	:	-	-	-	-	2	5	2	3	2		
1		76.3	8	19.	-		-	-	-	2	2	2.	2.	2	3.	
9006	60.3	76.3	8	79.	2	~	2		3		3			3	3	83.2
1		76.3	78.6	61	2		2.		2.		3		3.		3	83.2
141		76.3	8		2	~	2	2	2			3	3		3	
1			2	80.	3	3			3	;				*		
3000	61.1	77.1	a	80.		=	3	3	3.		;	;		;		
			2	80.	3		3.		3		84.0		84.0			84.0
7000	-	77.9	0	80.	;	*	;			:	;	;	;	;	;	
1			-	00	5	5	5	3.	2			0		9		86.3
1500	m	80.9	145	84.		-	87.0	87.0	87.0	87.8	87.8	87.8	87.8	-	87.8	87.8
		-	2	85.	8	8					6			6	6	6
1000	63.4	2.	-	8	ò		0	0	0	0	0	0	0		0	90.8
		-	0	87.	0	0	0		0	-	:	91.6	:	-	-	-
8 Al		3.	•	87.	0	0		0		:	-	-	-	-	:	
	:			00	-	-	-	•	:	2	2	45.6	95.4	95.4	5	92.4
99	:	;		88.	2	2.	5	5.	5	3.	3	3	3	3.	3	93.1
	:	•	2	0	3	3	3	3.	3		1.46			4.	:	1.76
VI 804	:		9	0		93.9		93.9		94.7	1.46	4.1		94.7	94.7	94.7
88	65.7	86.3	89.3	06	93.9		93.9		93.9		94.7	94.7	94.7	. 4		94.7
1			2 0	00		•					: 6			:		
80		4	90-1	90.0	94.7	94.7	94.7	45.4	95.4	96.2	96.2	96.2	96.2	96.2		0000
	1	1									1			1		

0

TOTAL NUMBER OF OBSERVATIONS

131

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80.0

80.0 80.0

80.0

80.0

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80.0

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80.0 80.0

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ALAI

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VI VI 0009 0009

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Y 1 400

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AI AI

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2500

AIAI

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900

AI AI

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900

AI AI

80.0

86.7 86.7

86.7

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88

ALAI

80.0 80.0 80.0

80.0 80.0

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80.0 80.0

80.0

86.7

86.7

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80.0 80.0 80.0

80.0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CALIFORNIA SAN NICOLAS.

93116

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AI

۸I

Al

V)

NO CEILING

Y 2000

(FEET)

HOURS (L S T ) 19

DEC

0

80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 2 5/16 80.08 80.0 A 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 VISIBILITY (STATUTE MILES) 80.0 80.0

80.0 80.0 80.0 86.7 86.7 86.7 86.7 86.7 80.0 86.7 86.0 80.0 86.7 86.7 86.7 80.0 80.0 80.0 86.7 86.7 86.7 86.7 86.7

86.7

86.7 86.7

36.7

73.3

66.7 66.7

53.3 53.3

88

AI AI

88

86.7

73.3 80.0

86.7

80.0

63.3

80

88

0880

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

0800

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22 HOURS (1.5.7.) ٨١ DEC ٨I 2 5/16 22 \* % Al PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) \_ AI VISIBILITY (STATUTE MILES) 7 1% 7 7 ۲ ۸۱ ¥ 2% N Al SAN NICOLAS, CALIFORNIA VI 4 10 4 2 NO CEILING VI VI 0008T VI 0008T 9 80 AI AI V 1V VIVI 8 8 8 8 CEILING (FEET) 3000 1200 88 88 88 38 80 ALAI AIAI AIAI

0

0 0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC

ALL HOURS (L S.T.)

5703

CEILING VERSUS VISIBILITY JAN

**E** 0

82.8 82.8 ~ 82.6 85.0 87.6 91.8 83.9 82.6 81.8 82.6 89.6 90.5 91.1 81.3 82.1 84.7 82.6 83.0 87.2 82.3 82.3 84.3 8.06 80.1 80.8 80.9 81.3 81.4 81.8 82.3 82.5 84.7 88.1 89.3 1.06 91.5 92.5 81.9 82.3 82.6 87.2 80.1 80.8 81.4 82.3 91.5 81.3 84.3 90.1 80.9 82.1 82.5 82.6 83.0 81.4 81.8 84.7 89.3 ٨I 82.3 84.0 80.9 77.5 80.6 88.9 91.1 95.8 81.1 84.3 86.9 92.2 79.7 81.9 90.5 \* 82.6 41.8 84.0 89.68 82.3 80.6 81.9 81.9 84.3 82.1 81.9 91.1 79.7 81.4 84.0 88.9 90.5 80.6 82.3 82.6 84.3 86.9 89.8 81.1 AI VISIBILITY (STATUTE MILES) 81.4 81.4 81.4 81.6 83.5 83.8 80.1 62.1 V 1% 88.4 89.8 81.4 86.4 81.8 82.1 83.5 83.8 87.2 91.5 89.3 \$006 80.1 36.2 88.3 89.6 81.3 81.4 86.0 88.9 89.4 91.0 90.0 79.7 80.2 81.1 81.1 83.1 81.1 83.5 81.3 85.9 87.7 19.9 19.6 86.4 89.6 0.06 79.2 78.5 79.6 80.2 84.5 81.6 80.6 81.9 85.4 4 4.87 78.2 87.2 80.2 87.8 78.2 78.5 76.7 15.6 73.00 76.2 82.6 83.5 84.0 76.7 79.1 81.8 76.7 81.1 ٥ ٨١ 63.8 > 20000 80 VI VI 00081 00081 2500 (FEET) 900 1500 800 900 4500 3500 90 88 88 88 88 AIAI

TOTAL NUMBER OF OBSERVATIONS

SAN NICOLAS, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST) ALL

CEILING							VISII	DILITY (STA	VISIBILITY (STATUTE MILES)	(5)						
	9 41	AI AI	8 4	**	6 41	2 2%	1 2	7 1%	¥1 ¥	-	¾ Al	* 1	Z Al	≥ 5/16	N NI	0 1
NO CEILING	40.0	54.3		58.2	58.9	58.9	59.2	59.3	59.3	29.4	56.6	59.5		59.5	9869	
N 2000	44.3	59.1		63.3	;	4	64.3	4.40	4.49	9.49	64.	04.7	4	*	;	65.1
	4.44	59.5		63.4	;	2.49	64.5	*	9.49	200	6.49	64.9	•.	0.50		
1600	4.0	50.8		63.6	4.49	4.49	64.7	6.49	6.49	65.0	65.1	65.1	2			65.5
	45.2	2.09		9.49	65.2	2					62.9	-				66.3
≥ 12000 .	45.6	60.0		65.1	6.59	62.0		66.3	66.3		•	9099		•	2009	67.0
-	46.1	61.4		65.7		0	6.99	0.19				-		07.4	4.10	67.6
9006 Al	46.2	61.5		65.8	9.99		6.99	-	67.1	67.2	67.3		1.	-		
	46.5	61.6		9	6.99			-			67.1		•		61.9	1.89
7000	47.0	65.3		66.7	-	-	6.1.9	0.89	0.89		8	68.2	68.3	68.4	4.89	9.89
	10/0	65.5		6.99			1.89		68.2	œ	4.89		8		9.89	68.8
9006	47.3	62.7		67.0	-					68.5	68.6			8	8.89	0.69
1	47.4	62.8	63	-		1.89			68.89	8	8.89	80	8	8		69.2
9007	47.7	63.2		67.5	8		8.89	6.89	8	100000	69.1	69.1	69.2	69.3		69.5
	47.9	63.5	99	61.9		8.89	6		6		6	6			1.69	66.69
3000	48.7	4.40		68.8	69.7	8.69	70.1	70.5	70.2	70.3	70.5		0		70.7	400
1	49.6	65.5	68.	10.0	40.0			:	11.4		71.1			71.8	71.9	72.1
7 2000	50.0	67.2	70.	71.8	72.7	72.8	73.1	73.2		73.3		3	3		73.7	73.9
	51.5	67.8	10.		73.4		73.8							74.3	74.4	14.6
≥ 1500	53.5	70.7	74	75.8		16.8	77.1	77.2	77.2	77.4	77.5	-	77.6	77.7	77.7	77.9
	24.4	72.2	75.	77.5	18.6	18.1	79.0								19.0	79.8
1000	55.4	73.8		79.8		81.0	81.4				-	-	-	-	5	82.2
	55.8	75.0	19.	-	5.	•	82.7	2	•	83.0		83.2	83.3	83.3	83.3	83.6
08 Al	56.4	76.2		82.7	83.9	84.0	84.5	84.6	84.6				85.0	85.1	85.1	85.4
	56.7	1.1	18				85.9	0		86.2		86.3			86.5	86.8
009	57.5	78.2	82.	85.5	87.0	87.2	87.7	-	87.9				88.3	88.3	88.4	
	57.5	79.0		6.98	8		89.6		66.68	1.06		0	4006	4.06	4.06	90.7
007	57.6	79.7	84.		90.3	90.06	91.4	91.6	91.8		92.2	92.2	92.3	95.4	95.4	92.7
	57.7	80.1	85.	88.8	61.3	91.8	6.76		93.7	2 . 56	5.46		94.6	1.46		0.56
> 200	57.7	80.2	85		91.7	92.2	93.5	4.46	4.46	95.1	95.5	92.6	1006	96.2	96.3	
91 81	57.7	80.2	85.6	89.0	91.7	2.56	93.6	5.46	94.5	95.3	8.56	626	7.96	97.0	97.6	98.9
	21.	2.00		0.40	1:16	75.6	73.0	74.5	74.5	12.3	72.0	1201	100	41.00	101	0000

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5703 CEILING VERSUS VISIBILITY JAN 78

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TOTAL NUMBER OF OBSERVATIONS

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5704 SKY COVER JAN 68

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SAN NICOLAS, CALIFORNIA

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	JENCY O	F TENTH	S OF TOTAL S	KY COVER				MEAN TENTHS OF	FŽ
	2 3 4	5	•	k	8	6	10	SKY COVER	300
6.6 8.8	8 9.6 5.1	1 347	3.7	2.9	7.4	3.7	22.1	4.5	
7.7 7.7	7 5.8 5.2	2 4.5	2.6	7.7	3.9	6.5	23.2	4.7	
5.2 6.5	5 10.3 3.9	9 4.5	2.6	5.6	4.8	7.6	19.4	4.9	
6.5 6.5	5 8.7 5.1	1 2.9	5.9	6.5	0.8	8.7	19.6	4.8	
8.3	3 12.5 4.2	2 4.2	4.2		4.2	4.2	29.5	4.8	
8.2 7.K			6		7,4	4	6.6 93.7	4.7	

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SKY COVER JAN 68

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TOTALS

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SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOURS (L.S.T.)

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SAN NICOLAS, CALIFORNIA

93116 STATION

MEAN TENTHS OF SKY COVER 31.6 23.4 24.1 2 6.4 4.8 5.7 5.3 0 7.8 10.5 00 PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 6.6 6.5 4.9 6.0 3.5

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#### SKY COVER

SAN NICOLAS, CALIFORNIA STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN	(LS.T.)	•	-	2	8	7	30	0	7	80	٥	01	SKY COVER	OBS.
MAR	10													
	90													
	07	21.8	5.6	6.3	6.3	4.2	2.1	3.5	2.8	3.5	7.7	35.9	9.6	142
	10	25.3	4.5	6.9	7.1	3.9	6.5	5.2	5.6	7.1	6.5	24.7	5.0	154
	13	23.9	10.3	5.2	5.8	4.8	5.2	2.6	4.5	1.3	6.9	26.5	4.	155
	16	25.7	5.9	3.7	5.1	2.2	10.3	9.9	4.4	3.7	7.4	25.0	5.1	136
	19	20.8	8.3	4.2	4.2	12.5	12,5	4.2			8.3	25.0	4.9	24
	22													
101	TOTALS	23.5	6.9	5.2	5.7	6.2	7.3	4.4	2.9	3.1	7.3	27.4	5.1	611

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SAN NICOLAS, CALIFORNIA

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SE FREQUENCY OF OCCURRENCE	ATIONS)
ENCY OF	OBSERVA
E FREQUE	A HOURLY
PERCENTAG	(FROM
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	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	6	•	35	۰	7		6	9	SKY COVER	088.
APR	10													
	40													
	07	25.5	7.5	5.0	3.5	2.1	4.3	.7	8.5	2.8	5.7	5.7 34.0	5.4	141
	07	32.0	5.3	6.7	0.0	2.7	103	5.3	2.7	5.3	7.3	25.3	4.7	150
	13	39.3	10.0	5.3	4.7	3.3	4.0	3.3	2.7	9.3	5.3	5.3 12.7	3.6	150
	91	36.1	12.0	0.0	3.8	0.0	0.9	3.8	3.0	5.3	5.3	12.8	3.5	133
	10	30.0	20.0	10.0	5.0	5.0					2.0	25.0	3.7	20
	22													
5	TOTALS	3.00	11.0	4.4	4.4	8		2.6	4.6	6.5	5.7	5.7 22.0	4.2	594

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) SAN NICOLAS, CALIFORNIA

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	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0		2	3	•	3	9	7	8	6	10	SKY COVER	089.
MAY	10						T <sub>c</sub>							
	90											100.0	10.0	1
	0.7	0,1	5.2	8.8	5.2	2.6	200	1.9	2.6	7.1	4.8	8.4 47.7	6.9	155
	10	16.8	6.5	6.5	5.2	4.5	143	6.5	3.2	5.8	4.5	39.4	6.0	155
	13	25.2	11.0	7.1	3.9	6.6	6.5	5.8	3.2	3.9	4.5	22.6	4.5	155
	16	32.0	7.4	7.4	5.7	100	600	9.9	3.3	4.1	0.0	20.5	4.3	122
	10													
	22													
														1
101	TOTALS	17.0	6.0	5.4	4.0	3.0	3.1	4.2	2.5	4.2	4.8	46.0	6.3	588

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5704 SKY

5704 SKY COVER JAN 68

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20.7 2.0 2.7 1.3 4.0 1.3 3.3 2.7 2.0 8.0 21.3 7.3 2.7 2.0 5.3 6.0 30.9 8.1 6.0 8.7 2.7 5.4 2.0 2.7 5.4 6.0 31.5 8.1 11.7 5.4 3.6 .9 4.5 3.6 3.6 6.3 17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4		HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
004 07 20.7 2.0 2.7 1.3 4.0 1.3 3.3 2.7 2.7 8.0 10 21.3 7.3 2.7 5.0 4.7 4.0 2.7 2.0 5.3 6.0 13 30.9 8.1 6.0 8.7 2.7 5.4 2.0 2.7 5.4 6.0 16 31.5 8.1 11.7 5.4 3.6 .9 4.5 3.6 5.3 19 22 22 24 3.6 2.5 1.9 2.1 1.8 2.8 4.4	E INC	(L.S.T.)	•	-	2		•	10	۰	7		6	01	SKY COVER	OBS.
07 20.7 2.0 2.7 1.3 4.0 1.3 3.3 2.7 2.7 8.0 10 21.3 7.3 2.7 5.0 4.7 4.0 2.7 2.0 5.3 0.0 11 30.9 8.1 6.0 8.7 2.7 5.4 2.0 2.7 5.4 0.0 12 31.5 8.1 11.7 5.4 3.0 .9 4.5 3.0 5.6 6.3 19 22 22 24 2.0 2.5 1.9 2.1 1.8 2.8 4.4	CN	10											0.001	10.0	2
07     20.7     2.0     2.7     1.3     4.0     1.2     3.3     2.7     2.7     8.0       10     21.3     7.3     2.7     6.0     4.7     4.0     2.7     2.0     5.3     6.0       13     30.9     8.1     6.0     8.7     2.7     5.4     2.0     2.7     5.4     6.0       16     31.5     8.1     11.7     5.4     3.6     6.3     3.6     6.3       19     17.4     4.3     3.6     2.5     1.9     2.1     1.8     2.8     4.4		*0											0.001	10.0	
13 30.9 8.1 6.0 8.7 2.7 5.4 2.0 2.7 5.4 6.0 16 31.5 8.1 11.7 5.4 3.6 .9 4.5 3.6 5.3 19 20 21 21 21 21 22 23 24 25 26 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		0.7	20.7	2.0	2.7	1.3	0.4	143	3.3	2.7	2.7	8.0	51.3	8.9	150
13 30.9 8.1 6.0 8.7 2.7 5.4 2.0 2.7 5.4 0.0 16 31.5 8.1 11.7 5.4 3.6 .9 4.5 3.6 5.3 22 22 23 24 25 26 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		10	21.3	7.3	2.7	6.0	4.7	4.0	2.7	2.0	5.3	0.0	38.0	5.8	150
16 31.5 8.1 11.7 5.4 3.6 .9 4.5 3.6 6.3 22 22 32 32 32 32 33 34 3.6 2.5 1.9 2.1 1.8 2.6 4.4		13	30.9	8.1	0.9	8.7	2.7	5.4	2.0	A STATE OF THE PARTY OF THE PAR	5.4	21.5	22.1	4.3	149
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4		91	31.5	8.1	11.7	5.4	3.6	6.	4.5	3.6	3.6	6,3	20.7	4.1	=
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4		19													
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4		22									<i>A</i>				
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4															
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4															
17.4 4.3 3.9 3.6 2.5 1.9 2.1 1.8 2.8 4.4															
	TOT	LALS	17.4	4.3	3.9	3.6	2.5	1.9	2.1	1.8	2.8	4.4	55.4	9.0	563

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SAN NICOLAS, CALIFORNIA

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

WOW!	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
	(L.S.T.)	0	-	2		•		•	,		6	01	SKY COVER	obs.
1	10													
	90									1				
	7.0	15.6	3.9	1.9	•	9.	143	1.3	3.9	3.9	6.9	4.09	7.5	154
	9	20.0	9.0	3.9	5.2	2.6	149	2.6	2.6	5.8	4.8	38.1	5.9	155
	13	29.7 12.9	12.9	9.0	6.5	5.2	149	1.9	3.9	4.8	4.5	16.1	3.9	155
	16	66.3	16.5	7.2	5.2	6.2		5.2	4.1		2.1	9.3	2.4	97
	19													
	22													
Top :														
TOTALS	NIS	27.4 10.6	10.6	8.5	4.4	3.7		2.8	3.6	4.5	5.4	31.0	0.4	561

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

SAN NICOLAS, CALIFORNIA

	HOURS				PERCENTAG	SE FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LST)	•	-	2	3	•	3	•	1	8	٥	01	SKY COVER	0.00
AUG	10									100.0			8.0	
	*0											100.0	10.0	
	07	10.3	5.2	2.6	4.5	1.9	2.6	1.9	5.2	5.2	7.1	53.5	7.3	15
	9	16.1	11.0	8.4	3.2	1.9	2.6	2.6	6.5	5.2	5.8	36.1	5.7	15
	=	28.4	16.8	13.5	9.0	3.9	109	5.2	3.2	3.2	6.9	4.0	3.2	15
	91	39.6	16.8	7.9	5.0	0.4	5.9	1.0	3.0	1.0	3.0	12.9	2.8	10
	19													
	22							\						
þ	TOTALS	1									1			
		15.7	4.0	5.4	3.0	2.0	2.2	9.	3.0	3.0 19.1	2.1	35.6	7.0	20

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#### SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	MONTH (L.S.T.) 0	SEP 01	90	07 20.1	10 21.3	13 31.3	16 91.5	61	22		
	-				3 4.0	3 6.7	5 9.3	100.0			
	3			1,3	5.3	0.0	7.4				
PERCENTAG	е п			5.4	4.0	4.0	1.9				
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	•			2.0	103	1.3	1.9				
Y OF TENTH	8			113		2.0	6.				
S OF TOTAL	•			2.0	2.7	0.9	4.0		100.0		
SKY COVER	7			0.4	5.3	3.3	3.7				
	8			2.7	2.7	4.0	5.6				
	٥			2.7	0.9	4.0	8,3				
	0			\$8.4	46.7	31,3	25.0				
MEAN	SKY COVER			7.0	6.3	4.9	4.6	1.0	0.9		
TOTAL	0.05			149	150	150	108	1	1		

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SAN NICOLAS, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LST.)	0	-	2	8	•	3	9	7		٥	01	SKY COVER	NO. OF
DCT	10													
	80									100.0			0.8	1
	7.0	26.8	4.6	3.9	6.5	2.0	2.0	2.0	3.9	7.2	7.2	34.0	80	153
	9	27.7	9.0	3.2	5.2	7.7	3.9	3.9	3.2	6.5	4.8	21.3	F. 4	155
	13	35.5	9.7	5.8	7.6	3.9	1.3	2.6	5.2	1.9	9.6	16.1	3.6	155
	16	43.3	10.2	3.9	7.1	2.4	1.6	3.9	3.1	5.5	6.3	12.6	3.3	127
	19	100.0											0.	
	22													
	•													
TOT	TOTALS	38.9	5.6	2.8	8.4	2.7	1.5	2.1	2.6	2.6 20.2	5.1	5.1 14.0	4.2	594

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SAN NICOLAS, CALIFORNIA

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SKY COVER

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	•	-	2		•	<b>v</b> 0	•	,		٥	0	SKY COVER	NO. 08
NON	10													
	*0													
	70	32.2	100	5.8	6.6	100	8	5.8	3.3	5.8	5.8	17.4	4.0	121
	9	36.7	7.3	7.3	0.9	3.3	3.3		5.3	5.3	0.0	17.3	4.0	150
	13	38.0	5.3	8.7	4.7	4.7	Q. W	1.3	4.7	7.3	6.7	14.7	3.8	150
	16	35.5	4.0	5.0	3.5	7.1	5.0	2.8	3.5	5.7	7.8	17.7	4.1	141
	61	21.1	10.5	15.8	5.3	10.5	5.3	10.5		10.5		10.5	3.8	19
	11													
														T
<b>1</b>	TOTALS	32.7	7.7	8.5	5.9	8.9	3.7	1.,	3.4	6.9	5.7	5.7 15.5	3.9	581

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SKY COVER

SAN NICOLAS, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	
MONIN	(LS.T.)	0	-	2	е .	-	80	•	,		٥	01	SKY COVER	0.00
DEC	10													
	90													
	07	26.0	9.2	4.6	6.1	4.6	301	3.8	1.9	7.6	4.6	24.4	4.8	131
	10	28.4	6.9	11.6	5.8	3.9	9.	1.3	2.6	0.6	4.5	25.8	4.6	155
	13	32.3	9.0	2.6	3.9	5.2	3.2	3.2	3.2	0.6	7.1	21.3	4.5	155
	16	34.4	5.3	5.3	4.6	3.6	1.5	3.1	6.9	7.6	7.6	19.8	4.5	131
	19	40.0		13,3	13.3			13.3		6.7		13,3	3,3	15
	22													
Tot	TOTALS	32.2	6.0	7.5	6.7	3.5	1.7	6.4	3.8	8.0	8.4	20.9	4.3	587

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SAN NICOLASA CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	•	-	2	8	•	3	۰	,		٥	2	SKY COVER	0.00
IAN	ALL	25.9	5.2	7.6	9.4	4.7	0.4	3.2	4.6	4.0	0.0	22.7	4.7	608
FEB		19.7	6.9	3.8	9.9	1.9	5.8	3.0	4.6	6.6	5.1	26.6	5.3	547
MAR		23.5	6.0	5.2	5.7	6.5	7.3	4.4	2.9	3.1	7.3	27.4	5.1	9
APR		32.6	11.0	9.0	4.6	30	3.1	2.6	3.4	4.5	5.7	22.0	4.2	594
MAY		17.0	0.0	5.4	4.0	3.0	301	4.2	2.5	4.2	9.4	46.0	6.3	588
NIL		17.4	4.3	3.9	3.6	2.5	149	201	1.6	2.8	4.4	55.4	6.9	563
I		27.4	10.6	5.5	4.4	3.7	143	2.8	3.6	4.5	5.4	31.0	4.9	561
AUG		15.7	B. 4	5.4	3.6	2.0	2.2	1.8	3.0	19.1	3.7	35.2	6.2	568
SEP		17.4	17.4 20.0	3.3	2.6	=	8	19.2	2.7	2.5	3.5	26.9	5.0	559
100		38.9	5.6	2.8	4.8	2.7	145	201	2.6	20.2	5.1	14.0	4.2	294
NON		32.7	7.7	8.5	5.9	5.9	3.7	4.1	3.6	6.9	5.7	15.5	3.9	581
DEC		32.2	Ged	7.5	5.7	3.5	1.3	6.9	3.8	8.0	4.8	20.9	4.3	587
2	TOTALS	28.0	8.2	5.6	5.2	2	3.0	4.5	2.6	7.7	5.2	28.6	5.1	4961

#### PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumilative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumilative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows: ;
- . Daily maximum temperature
  - . Daily minimum temperature
    - c. Daily mean temperature
- deviations are computed for months and annual when four or more values are present for any column. Two tables All months Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:
- . Extreme maximum temperature . Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.
- NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less

- Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means  $(\overline{X})$ , and standard deviations  $(\sigma X)$ . The number of observations used in the computations for each element is also shown. Ġ.
- represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period :

Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative numidity are with respect to water, unless otherwise indicated.

- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- . Dry-bulb temperature
  - . Wet-bulb temperature
- .. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm). 9

### DAILY TEMPERATURES

62-77

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SAN NICOLAS, CALLEDRNIA

96920T °

1	TEMP (°F)	JAN.	EB	MAR.	APR.	MAY	NO.	JUL.	AUG.	SEP.	T	NO.	DEC.	ANNOAL
	100					2	2			7	-			
	68					-	2		7	1.0				
	96				4	S	-	-	1.0	3.0	2.1			
	98				1.2	1.7	1.5	2.0		7.2	7.1	1.9		2
	90	6	1.0	. 2	3.2	3.8	Sign.	6.4	10.2	13.5	13.3	5.1		5
	73	4.9	3.2	2.9	1	7.7		14.2		23.1	21.9	11.4	2.9	111.
7.00	70	11.3	7.7	7.8	14.6	10.1	(100 mg	37.1	52.9	49.3	40.6	24.7	9.7	25.
	65	19.8	19.8	19.7		27.8	94.6	84.5		85.9		****	19.0	.64
	90	-	66.2	44.6	62.5	78.0	93.4	100.0	100.0	100.0	6.96	84.7	47.3	75.
	9.5	77.3	87.3	89.6	97.2	99.3					100.0	98.2	87.6	95.0
	50	10 100	100.0	SHOW THE REAL PROPERTY.		99.8						100.0	1.66	49.7
	45	9.66				100.0							100.0	100.0
	4	100.0		-										100
								No. of the last						
	MEAN	7 93	1		*		44.0				0 07	A. B. A.	4.0.4	, 87
1	MEAN	99.0	600	1000	62.7	63.7	5.00	69.2	71.1	71.2	27.73	0200	6.00	0000
9.0		11100	à	٠						ł				

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### DAILY TEMPERATURES

11-20

SAN NICOLASS CALIFORNIA

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TEMP (°F) JAN. FEB.	7.5	70	65	00	4.4 2	27	67.5 81	96.0	6 100.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MAR.					2.0	28.7		98.0	7	7 7
APR.			6	1.7	6.3	41.9		99.3	100.0	0.04
MAY			.2	1.3	8.8	76.8	0.86			
JUN.		2	2	1.9	32.4	95.6	98.6	100.0		7.63
JUL.			~	3.6	65.0		99.7			7 7 7 8
AUG.		-	0	18.0	77.9	4.66	100.0			4.43
SEP.	.2	-	3.8	22.7	81.3	99.5	100.0			
OCT.			2.3	12.9	56.6	94.1	99.7	10000		48.7
NOV.			*	0.0	24.6	74.1	96.3	10000		0.64
DEC.				• 2	4.5	39.6	79.5	98.7	100.0	48.2
ANNOAL	0.			6.3	32.6	68.6	92.0	66.3	100.0	51.7

### DAILY TEMPERATURES

			3	MULATIVE	(FROM E	CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)	ERVATION	S)	FNCE				X X
TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
5 <b>7</b> 2									2				0
					2	5		4	1.5	1.1			
				•				1.8	4.8	4.9	9.4		1.4
	5,	2		2.8	~	2.3	3.6	9.4	12.5	10.9			4.4
≥ 69	•	2.0		5.7	•	10.6	21.3	37.3	38.9	26.5	12.9	2.9	15.0
≥ 60	11.9		9.3	15.7	19	51.0	93.0	93.2	93.1	74.0		11.6	44.8
₹ 7	30	9	•	85.9	83.8	95.3	8.66		8.66	98.7		46.6	74.6
2	17.5		7.20	07.2		100.0	100.0		100.0	100.0	1	88.7	96
7		. 00	a 00	000	3						-	8.00	00
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	+		100.0								1	7000	100
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MEAN	53.3	54.1	54.1	56.0	57.7	0,09	62.5	2.40	04.5	95.0	29.0	34.4	58.6
S. D.	5.039			4.740	4.125		200			2.200		345	3.4
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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

A THE RESIDENCE OF PERSONS ASSESSED AND LINE OF THE PERSONS ASSESSED.

SAN NICOLAS, CALIFORNIA STATION NAME

93116 STATION

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1948-1952 1965-1977

YEARS

MONTH JANUARY

	MEAN TEMP	MP			MAXIMUM I EMP				IM	MINIMINION LEWIS		
	AVERAGE	36	AVERAGE	36	EXTREME	ME		AVERAGE	9	EXTREME	1E	
DAY	٠,	o°.	, F	၁့	a °	ပ	DATE	, F	၁့	۰۴	ပ	DATE
-	51.0	10.6	56.9	13.8	72		1969	45.1	7.3	36	2.2	1961
2	51.4	10.8	57.6	14.2	72		1969	45.1	7.3	04	***	1974*
3	90.08	10.3	56.2	13.4	72	22.2	1969	44.0	2.7	10	3.0	1974#
4	51.0	10.6	56.8	13.8	77		1969	45.2	7.3	040	*:*	1949
2	51.1	10.6	57.1		75		1969	43.4	***	39	3.9	1972
9	52.0	11:1	58.8		67	19.4	1972	45.0	7.2	38	3.3	1973
7	52.2	11.2	59.3	15.2	75	23.9	1966	45.2	7.3	36	2.2	1971
8	51.2	10.7	37.6		89	20.0	1948	43.4	1.4	38	3.3	1970
6	51.5	10.9	57.0		89	20.0	1948	45.9	1.01	04	*.*	1972
10	51.7	10.9	57.5		7.	21.7	1961	45.8	1.1	33	9.0	1949
=	52.1	11.2	58.4	14.7	7.1	21.7	1967	46.1	7.8	33	9.0	1949
12	52.7	11.5	58.4	-	89	20.0	1948	47.1	4.6	38	3.3	1949
13	53.5	11.9	60.8	16.0	73	22.8	1975	46.3		04	+:+	1971
14	55.5	13.1	4.60	17.4	83	28.3	1975	47.8	8.8	14	5.0	1961
15	\$5.5	13.1	63.1	17.3	78	25.6	1975	48.7	6.3	42	5.6	1971
16	53.7	12.1	61.1	16.2	80	26.7	1976	47.5	9.8	0.	4.4	1972*
17	55.2	12.9	63.1	17.3	18	27.2	1976	48.5	2 6	38	3.3	1972
18	55.9	13.3	62.2	16.8	81	27.2	1971	49.6	8.6	69	1.9	1961
19	55.2	12.9	4.19	16.3	80	26.7	1975	0.64	4.6	14	5.0	1948
8	94.6	12.6	600	16.0	78	25.6	1975	1.64	6.5	45	9.6	1961
21	53.2	11.6	59.3	15.2	72	N	1976	47.9	8.8	42	9.6	19961
22	55.0	12.8	919		78	25.6	1968	4.84	9.1	04	4.4	1966
23	54.4	12.4	60.7	15.9	75	23.9	1968	0.84	8.9	39	3.9	1948
24	54.1	12.3	9.09	15.9	77	25.0	1968	48.1	8.9	16	5.0	1971*
25	53.3	11.8	59.2	15.1	46	20.1	1991	47.0	8.7	41		1972*
26	\$1.5	10.8	8	14.6	72	22.2	1971	44.9	7.2	38	3,3	1972*
27	93.0	11.7	0	15.4	78	25.6	1971	46.3	6.4	37	2.8	1972
28	53.8	12.1	8.09	16.0	46	26.1	1971	40.0	8.3	36		1948
29	92.7	11.5	0	15.7	16	24.4	1971	45.5	7.5	39	3.9	1968
30	52.3	11.3	59.8	15.4	73	22.8	1976#	45.2	7.3	38	3.3	1975*
31	52.4	11.3	58.7	14.8	16	24.4	1976	46.2	7.9	36	2.2	1975
Monthly	62.0	6 11	Y ON			-			-	1		970.

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\*ALSO ON EARLIER YEARS

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## DAILY AVERAGE/EXTREME TEMPERATURES NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

### SAN NICOLAS, CALIFORNIA

STATION NAME

93116 STATION

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1948-1952 1965-1977

MONTH

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		DATE	1969	1966	1948	1965	1949	1975*	1966	1966	1971	1972	1976	1949	1974#	1966	1949	1949	1972*	1966	1966	1976	1971	1969*	1976	1971*	1975	1977	1966	1966	1948		
4	1E	္ပ	2.8		9.6	9.6	6.7	6.7	9.6	9.0	6.1	6.1	1.0	1.0	6.7	+.+	2.0	2.0	6.4	9.0	4.4	6.1	9.6	9.6	6.7	7.8	6.7	+:+	2.8	4.4	6.1	5.111.7	
MINIMUM TEMP	EXTREME	٥, ٩	37	1,	42	42	**	**	42	14	6.9	63	63	63	**	040	19	41	**	1,	04	**	45	62	**	94	44	04	31	04	63		
W		00	8.0	8,3	9.8	9.1	4.6	8.9	4.9	8.1	8.5	8.8	8.7	8.6	1.6	8.5	8.3	8 . 8	8.8	8.2	8.7	8.7	8.4	8.7	8.8	4.6			8.0	8.8	8.8		
	AVERAGE	₽°	4004	40.9	47.4	48.3	49.0	0.84	46.2		47.3	47.8	47.7	47.4	48.3	47.3	40.0	47.8	47.9	46.8	47.0	47.6	47.1	47.6	47.8	49.0	48.5	47.1		47.8	47.8		
		DATE	1976	1968	1974	1968	1952	1952	1970	1970*	1971	1971	1971	1971	1971	1977	1977	1977	1948	1965	1965	1965	1961	1961	1961	1968	1968	1961	1972	1961	1968		
Ь	JV.	၁့	23.3	19.4	22.2	24.4	23.3	20.6	23.9	20.0	22.8	26.1	28.3	27.2	27.8	22.8	25.6	23.3	21.1	26.7	25.6	22.2	24.4	26.7	26.1	23.3		23.9	0	5.			
MAXIMUM TEMP	EXTREME	<b>L</b> 0	7.4	69	72	26	*	69	75	89	73	46	33	18	82	73	78	14	20	90	7.8	72	76	90	4	14	76	75	69	11	10	-	
MA	E	၁့	14.3	15.1	15.9	10.4	15.6	15.8	15.3	15.2	15.6	15.2	15.7	16.2	16.7	15.1	15.9	16.2	15.5	15.3		15.7		16.4	16.2	17.0		15.6	15.3	15.2			
	AVERAGE	₩,	57.7	59.1	60.7	61.6		60.9	59.5	59.3	1009	59.3		61.1	62.0		9.09	61.1	59.6	59.5	59.6	60.2	61.3	61.5	61.1	62.6	62.2			•			
		၁့	11.1	11.7	12.2	12.8	12.6	12.4	11.6	11.6	12.1	11.9	12.2	12.4	12.8	11.6	11.0	12.4	12.2	11.7	12.0	12.2		12.5	12.4	13.2	12.9	12.0	11.6	12.0	12.0		
MEAN TEMP	AVERAGE	₽,	1.9	53.0	54.0	93.0		54.3	\$2.9	92.9	53.7	53.5	54.0	34.4	55.1	52.8	53.2	34.4	93.9	53.1	53.6	93.9	54.2	54.5	94.4	55.8	\$5.3	93.6	52.9	-	53.6		
		DAY	-	2	3	7	9	9	7	8	6	10	11	12	13	41	15	16	17	18	19	80	21	22	23	24	25	26	27	28	29	30	31

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\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

THE REST OF STREET, ST

1947-1952 1965-1977	YEARS	
1947-1952		
SAN NICOLAS, CALIFORNIA	STATION NAME	
93116	STATION	

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1965-1977	
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MONTH

MARCH

		DATE	1991	1991	1976	1966	1976	1976	1976	1976	1969	1948	1977	1976	1976#	1952	1981	1981	1951	156	973	1948	1977*	1991	846	1977	1948	1961	1981	1948	1948	1948	1977#	1961
		ွ	4.4							5.6 1			1.	6.1 1	6.7	1	3.3	1.7		3.3		6.1 1			4.4		6.1 1						5.0 1	171
MINIMUM TEMP	EXTREME	٩,	00	28	38	14	36	30	42	42	0.	38	43	63	**	643	96	3.8	36	38	04	63	**	45	04	6.5	43	38	36	24	**	040	14	7 1
MIN		၁့	8.2	8.2	8.2	8,5	8.0	1.8	8.8	8.3	4.9	2.8	6.3	8.8	0.6	8.7	8.0	8.9	8 . 8	8.5	2.6	6.9	0.6	9.2	8.8	6.8	6.8	0.6	1.6	1.6	6.9	1.6	8.8	B.7
	AVERAGE	₽°	46.8	46.8	46.7	47.3	40.4	46.6	47.9	46.9	46.3	46.7	6.04	61.9	48.2	47.7	40.4	48.0	6.4	47.3	48.5	48.8	2.84	48.6	47.6	0.84	48.1	48.2	48.3	6.84	48.7	49.4	47.9	7.67
		DATE	1965	1972+	1968	1968	1972	1977	1977*	1977	1977*	1972	1661	1947	1991*	+1661	1661	1970	1974	1966*	1661	1970	1976	19764	1970	1661	1969*	1969	1969	1968	1971	1976+	1966	7701
	=	၁့	23.3	20.0	22.8	24.4	20.6	20.6		17.2	17.2	20.0	20.0		24.4	26.1	25.0	22.8	21.7	20.6	23.9	21.7	23.3	21.7	18.9	23.9	23.9	25.6	25.0	25.6	23.9	21.1	28.3	90.9
MAXIMUM TEMP	EXTREME	° F.	14	89	73	76	69	69	89	63	63	89	89	75	16	10	44	73	7.1	69	75	7.1	14	7.1	90	75	75	78	44	8,	7.5	70	63	83
	<b>.</b>	၁	14.8	14.6	14.8	19.1	15.3	14.9	14.8	13.7	13.7	14.6	15.2	15.8	10.1	16.2	16.8	16.2	15.8	15.7	19.6	15.9	16.9	15.7	14.9	16.8	15.9	16.3	16.4	1001	10.4	16.0	16.8	7.9
	AVERAGE	۰ <b>۴</b>	58.7	58.3	58.6	59.2	59.5	58.9	58.7	56.7	56.6	58.3	59.3	**09	6009	61.2	62.3	61.1	4.09	6009	4.09	9.09	+.29	60.3	6.86	62.3	60.7	4.19	61.5	60.0	61.5	80.0	_	1.07
		၁့	11.5	11.4	11.4	11.8	11.7	11.5	11.0	11.0	10.8	11.2	11.7	12.3	12.5	12.4	12.4	12.5	12.3	12.1	12.6	12.5	12.8	12.3	11.9	12.9	12.5	12.6	12.8	12.6	12.8	12.4	12.9	1.61
MEAN TEMP	AVERAGE	, H.	2.7	\$2.6	52.6	53.2	53.0	52.7	53,3	51.8	51.4	52.2	93.0	54.2	54.5	34.4	54.4	54.5	54.1	53.7	34.6	54.5	55.0	54.1	53.4	55.2	54.5	94.6	55.1	54.7	55.1	34.4	55.2	6.23
		DAY .	1	2	3	4	2	9	7	80	6	10	11	12	13	14	15	16	1.2	18	19	80	21	22	23	24	25	26	27	28	28	30	31	Monthly

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\*ALSO ON EARLIER YEARS

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#### 5725 DALY AVERAGE/EXTREME TEMP MAR 1978

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DAILY AVERAGE/EXTREME TEMPERATURES	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

SAN NIC

STATION

MEAN TEMP AVERAGE

7	MLAS. CALTFORNI	FORNIA		1945	945-1945	1947-1952	6666	6666-6666	APRIL	
	STATION NAME	IE				YEARS				MONT
+		×	MAXIMUM TEMP	e e			Σ	MINIMUM TEMP		
+	AVERAGE		EXTREME	ME		AVERAGE		EXTREME	E	
	<b>.</b>	o°.	<b>L</b> °	000	DATE	٥ ٤.	o	٩,	္ပ	DATE
	61.2	16.2	16	24.4	1971	47.0	8.7	15	2.0	196
	60.7	15.9	75	23.9	1971	47.4	8.6	04	***	197
9	4.19	16.3	78	25.6	1971	47.7	8.7	42	9.6	197
1	64.0	18.3	86	30.0	1971	47.7	8.7	39	3.9	194
8	65.1	18.4	8	27.2	1971	48.0	9.2	38	3.3	194
0	61.5	16.4	72	22.2	1949	47.0	8.7	41	9.0	194
4	61.6	16.4	75	23.9	1974	0.84	6.8	.38	3.3	194
9	61.3	16.3	73	22.8	1968	47.0	8.7	39	3.9	194
4	65.0	-	82	27.8	1968	49.3	9.6	9.6	7.8	197
6	64.7	18.2	96	3	1968	49.3	9.6	42	9.6	194
2	62.5		81	27.2	1947	48.0	4.6	79	6.1	196
2	65.6	17.2	82	7.	1947	1.64	9.9	**	6.7	961
2	62.2		87		1947	1.64	6.6	42	5.6	197
0	4.49	18.0	87		1947	6.64	6.6	**	6.7	961
-	64.6	The same	87	30.6	1966	50.5	10.3	42	9.6	197
	63.2	17.3	84		1948	50.5	1001	69	7.2	197
-	61.7	16.5	78	25.6	1950	49.3	9.6	14	5.0	197
1	60.5	15.8	70	-	1950	40.4	4.4	**	6.7	196
0	62.1	16.7	76	24.4	1965	1.64	9.5	42	9.6	196
-	62.7	17.1	20	24.4	1969	6.64	9.6	42	9.6	961
-	62.1	16.7	64	26.1	1949	49.7	9.6	69	7.2	196
~	62.7	17.1	90	26.7	1949	1.64	6.6	63	6.1	196
2	63.2	17.3	2	26.1	1966		6.9	42	9.6	196
9	63.1	17.3	80	26.7	1965	~	2.01	44	8.3	197
9	65.9	17.2	81	27.2	1965	2.	1001	4.5	7,2	197
0	63.6	17.6	90	26.7	1969		9.6	14	5.0	197
	9.29	17.0	06	32.2	1969	•	1.6	643	6.1	197
	62.8	17.1	88	31.1	1969	40.4	4.4	6.3	1.0	196
100	63.4	17.4	74	23.3	1974		9.2	++	6.7	196
-	61.8	16.6	76	24.4	1941	4.64	9.7	94	7.8	197
•	69.7	17.1	76	35.6	1968	0.64	9.6	38	3.3	194
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\*ALSO ON EARLIER YEARS

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Monthly

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#### DAILY AVERAGE/EXT ME TEMP MAR 1978

# DAILY AVERAGE/EXTREME TEMPERATURES

1945-1945 1947-1952 9999-9999

SAN NICOLAS, CALIFORNIA

STATION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STREET, SALL SALL SALL SALLS

STATION NAME

YEARS

MONTH

MINIMUM TEMP	AVERAGE EXTREME	ى ، ، ، ى ى ،	9 44 6.6	10.3 46 7.8	10.2 47 8.3 1	10.0	10.4 47 8.3 1	10.3 45 7.2	9.8 41 5.0 1	9.8 43 6.1 1	50.3 10.2 45 7.2 1948	10.2 47 8.3 1	10.1 47 8.3	6 10.3 48 8.9	.0 10.6 48 8.9	.3 10.7 47 8.3	11.2 47 8.3	11.3 49 9	10.6 48 8.9	10.6 48 8.9	10.4 47 8.3	10.6 45 7.2	.9 10.5 46 7.8	.8 11.0 45 7.2	11:1 48 8.9	1 6.8 74 5.11 5.	.6 10.9 45 7.2	1.7 10.9 41 5	1.9 11.1 41 5.0 1	2.6 11.6 42 5.6	1.8 11.0 44 6.7 1	
	AV		64 6761	247							1969 50	-				970 51		-			H							896	966 51	973 52	2	
Ь	AE	o°.		•	0	22.8 1	6	-	7:	6.6	25.0 1	0.0		8.	8.	8.2	0.5		**	9.	0:0	80	4.4	22.2	7.2	1.9	6.3	0	2.8	31.1	26.1 1	
MAXIMUM TEMP	EXTREME	٠ ٣	83	88	98	73	73	4	19	75	-	-	0	82	82	82	66	100	89	2	75	73	76	72	18	46	83	98	16	88	40	
MAX	36	၁့	17.8			16.7		16.3	17.3	17.0	17.5	17.7	16.8	17.2	17.6	18.3		20.0	18.4	17.1	17.1	16.8		17.2	17.2	17.6	17.7	17.7	18.6	19.1	17.8	
	AVERAGE	<b>پ</b>	64.1	0.49	64.1	62.1	62.5	41.19	63.2	~	63.5	-	~	1	63.7	65.0	66.1	68.0	65.2	62.8		62.3		~	65.9	19	(4)	3	W	66.3	64.1	
		၁့	13.6	14.0	14.0	19.3	13.8	13.3	13.6	13.4	13.9	14.0	13.4	13.6	13.0	14.4	19.1	15.8	14.6	13.6	13.6	13.7	13.6	16.1	14.1	14.4	14.3	14.3	14.8	15.3	14:41	
MEAN TEMP	AVERAGE	<b>L</b> 0	56.8	57.2	57.2	56.0	96.9	96.0	56.5	56.2	57.0	57.2	56.1	50.3	57.0	58.0	59.5	4.09	58.2	50.9	56.8	56.7	96.9	57.4	57.4	57.9	57.8	97.8	58.7	39.5	57.9	
		DAY	1	2	3	4	2	9	7	α	0	10	=	12	13	14	. 15	16	117	18	19	20	21	22	23	24	25	96	22	28	29	

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\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA SAN NICOLAS, CALIFORNIA

93116 STATION

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STATION NAME

1947-1952 1945-1945

6666-6666 YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

JUNE

MONTH

JU

1967 1967 1967 1967 1967 1967 1948 1977 1967 1948 1961 1967 946 1961 96 969 9.0 9.4 4.6 8.9 5.6 8.9 8.9 7.8 8.9 6.1 EXTREME MINIMUM TEMP 0000 44 69 64 48 4.1 11.9 10.9 11:0 11.3 2:11 AVERAGE 53.4 53.4 52.6 52.6 53.1 53.2 53.2 52.9 53.0 54.6 34.6 54.5 53.6 54.2 53.2 53.5 53.9 53.7 1951 1970\* 1949 1957\* 1949 1973 1973 1973 1975 1971 1971 1949 1949 1946 1946 1976 1976 1976 1973 1957 1957 25.6 25.6 225.0 30.0 28.3 27.8 30.0 36.1 EXTREME MAXIMUM TEMP 100 808 9 9 0 6 8 8 25 52 6 98 19.0 18.6 18.3 18.1 18.2 18.6 18.3 19.0 20.4 6.61 20.3 AVERAGE 66.2 2.99 15.4 15.5 6:9 19.3 5.5 16:0 5.1 3 15.3 MEAN TEMP AVERAGE 61.0 61.7 61.2 59.8 Monthly 22 27 16 17 19 10 = 12 13 4 15 18 8 21 23 24 25 56 28 29 30 31

'ALSO ON EARLIER YEARS

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### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

93116		SAN NICOLAS		CALIFORNIA		1945	-1945	1947-1952	66	6664-66	705	
STATION	 		IF	ИЕ				YEARS				MONTH
	MEAN TEMP	TEMP		W	MAXIMUM TEMP	IP II			Σ	MINIMUM TEMP	9	
1	AVERAGE	AAGE	AVERAGE		EXTREME	ME		AVERAGE		EXTREME	ME	
DAY	H.	ပ	Ŧ,	၁့	<b>ч</b> °	o°.	DATE	٠ ١	o°.	<b>₽</b> °	္ပ	DATE
-	59.8		69.6	18.8	80	26.7	1977	53.6	12.0	64	4.0	1949
2	61.0	16.1	68.2	1.02	87	30.6	1970	53.8	12.1	20	10.0	1961
8	61.0		67.0	19.9	83	28.3	1970	24.1	12.3	20	10.0	1967
4	60.3		67.3	19.6	18	27.2	1970	53.3	11.8	75	6.7	1981
2	60.1		9.99	19.2	72	22.2	1975+	53.7	12.1	96	7.8	1961
9	60.3		67.5	19.7	78	25.6	1976	53.7	12.1	20	10.0	1977
7	60.8	16.0	67.6	19.8	7.5	23.9	1976	54.3	12.4	25	1:11	1969
8	61.5		9.89	20.4	11	25.0	1968	54.5	12.5	52	11.1	1968
6	61.9		69.1	20.6	82	27.8	1968	54.5	12.5	90	10.0	1949
02	62.2		69.3	20.7	8	31.7	1966	54.9	12.7	16	10.0	1961
=	62.3		4.69	20.8	16	32.8	1968	55.2	12.9	64	9.6	1961
12	61.5		6.89	20.2	16	24.4	1961	24.7	12.6	48	8.9	1948
13	9000		0.99	10.4	76	24.4	1969	54.3	12.4	16	10.6	1947
14	9.09		67.1	19.5	**	23.3	1961	54.1	12.3	20	10.0	19694
15	61.6	10.4	68.1	20.1	75	23.9	1974	55.1	12.8	20		1948
16	62.0		4.89	20.2	16	24.4	1977	55.5	13.1	53	11.4	1977*
17	63.0		70.5	21.4	4		1974#	\$5.4	13.0	20	10.0	1948
18	63.3		70.6	4.12	84	28.9	1981	96.0	13.3	55	11.1	1974#
19	63.3		6.69	21.1	83	28.3	1991	56.7	13.7	54	12.2	1968*
20	62.7	17.1	9.69	20.9	88	27.8	1974	55.8	13.2	53	11.7	1946
21	4.29		6.19	20.5	16	24.4	1970	55.8	13.2	25	11.1	1977
22	62.3		69.1	20.6	84	28.9	1977	55.5		53	11.7	1949
23	63.1		9.69	20.9	82	27.0	1974	96.6	13.7	75	12.2	1977*
24	62.6		69.7	6.02	83	28.3	1974	55.4	13.0	42	9.6	1974
25	63.8		71.0	21.7	88	29.4	1973	9009	13.7	52	11.1	1947
36	63.0		69.7	20.9	88	29.4	1977	56.2	13.4	69	4.6	1947
27	64.3		11.4	6.12	88	31.1	1977	57.1	13.9	34	12.2	1971*
28	63.8	17.7	10.0	9.12	82	27.8	1972*	56.8	13.8	86	8.9	1947
29	64.4		71.5	6.12	16	32.8	1972	57.4	14.1	24	12.2	1967*
30	64.7	1	72.1	22.3	88	31.1	1972	57.3	10.1	24	12.2	1970
31	64.8	18.	72.5	22.5	86	30.0	1972+	57.0	13.9	24	12.2	1975
lonthly	62.2	16.	2.69	20.1	16	32.8	1972#	55.4	13.0	45	9.6	1974

\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1945 1947-1952

SAN NICOLAS, CALIFORNIA

STATION

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STATION NAME

6666-6666

AUGUST

MONTH

	MEAN TEMP	EMP		ÝW	MAXIMUM TEMP	AP .			2	MINIMUM TEMP	ΛP	
	AVERAGE	GE	AVERAGE	3E	EXTREME	ME		AVERAGE	E	EXTREME	ME	
DAY	¥.	၁့	, F	၁့	<b>پ</b>	၁့	DATE	F.	၁့	, F	၁ွ	DATE
-	64.3	18.1	72.0	22.2	83	28.3	1966	57.0	13.9	53	11.7	1955
2	64.1	17.8	70.9	21.6	82	27.8	1971	57.3	1.41	51	10.6	1947
3	63.6	17.6	70.2	21.2	80	26.7	1971*	57.0	13.9	24		1962*
4	63.2	17.3	69.7	20.9	82	27.8	1971	90.9	13.8	54	12.2	1968*
2	63.9	17.7	70.6	21.4	98	30.0	1971	57.1	13.9	24		1966*
9	64.2	17.9	71.4	21.9	88	29.4	1972	57.0	13.9	25		1948
1	84.8	18.2	72.3	22.4	76	32.8	1971	57.3	1.01	52	11.1	1969
	65.5	18.6	73.2	22.9	88	31.1	1971	57.9	14.4	25	11.1	1949
6	64.9	16.3	72.3		16	32.8	1965	57.0	14.2	54	12.2	1968*
10	63.6	17.6	70.6	21.4	82	27.8	1965	56.6	13.7	52	-	1949
	63.8	17.7	10.9	21.6	8	28.9	1965	9099	13.7	53		1976+
12	63.4	17.4	70.3	21.3	80	26.7	1961	\$6.6	13.7	69	9.6	1946
13	4.49	18.0	71.7	22.1	16	32.8	1965	57.0	13.9	25		19694
14	4.49	18.0	71.3	21.8	66	33.9	1965	57.5	14.2	15	10.6	1969
15	0.40	17.8	71.6	22.0	48	28.9	1966	50.5	13.6	15	10.6	1969
16	63.6	17.7	71.1	21.7	82	27.8	1966	56.7	13.7	20	10.0	1945
17	63.7	17.6	71.1	21.7	8.1	30.6	1961	36.5	13.6	25	11.1	1949
18	63.8	17.7	70.7	21.5	88	31.1	1961	56.9	13.8	51	10.6	1961
19	63.5	17.5	70.7	21.5	83	28.3	1973	\$6.4	13.6	- 50	10.0	1969
8	63.5	17.5	71.4	21.9	88	31.1	1973	55.6	13.1	4.3	8.3	1969
21	63.6	17.6	70.6	21.4	98	30.0	1972	90.96	13.7	25	1111	1977*
22	63.7	17.6	70.7	21.5	63	33.9	1972	56.7	13.7	53	11.7	1970
23	49.69	17.4	70.5	21.4	87	30.6	1969	56.2	13.4	53	11.7	1975*
24	62.8	1701	70.0	21.1	18	27.2	1961	92.0	13,1	64	4.6	1975
25	63.5	17.5	71.0	21.7	90	26.7	1961	95.9	13.3	16	10.6	1969#
36	63.7	17.6	71.4	21.9	83	29.4	1968	1.95	13.4	64	4.6	1974
27	63.1	17.3	70.3	21.3	18	27.2	1971		13,3	20	10.0	1969
28	63.3	17.4	70.3	21.3	18	27.2	1961	56.3	13,5	15	10.6	1969
29	64,2	17.9	72.0	22.2	98	30.0	1972	56.4	13.6	90	10.0	1970
30	9.49	19.1	71.9	22.2	66	35.0	1961	57.4	14.1	51	10.6	1969
31	0.49	17.8	71.3	21.8	85	4.62	1947	56.8	13.8	16	10.6	1969
Monthly	63.9	17.7	71.1	21.7	98	35.0	1961	56.7	13.7	47		1969

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\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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1945-1945 1947-1952 9999-9999	YEARS
1945-1945	
SAN NICOLAS, CALIFORNIA	STATION NAME
93116	STATION

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SEPTEMBER	MONTH
6666-6666	
1947-1952	YEARS
1945-1945	

		DATE	1969	1949	1949	1969	69	11	404	1972	1977	+69	69	69	69	11	1970	1977*	1970	10	1970+	1966	11	17*	11	11	94	+996	948	11.	73	950		*
		DA	19	19				1977	19	19	-				961	1977	19	19	19	19	67	19	197	197	19	19	19	19	19	19	19	19		194
Ь	VE →	ွ	10.0	10.6	10.0	10.6	10.6	11.1	12.2	11.1	11.7	12.2	10.6	10.0	10.6	1111	10.6	12.2	11.7	10.0	1111	11.7	10.0	10.6	4.6	10.0	7.8	11.1	10.6	11.7	9.4	10.0		7.8
MINIMUM TEMP	EXTREME	9°F	20	51	20	51	31	25	24	52	23	24	21	20	16	25	16	24	53	20	52	53	20	51	64	20	46	25	51	53	64	90		9.
MIN		၁့	13.6	13.6	13.5		13.9	13.7	14.0	13.9	13.9	14.3	14.0	14.3	1001	13.4	13.8	1.41	14.5	13.9		14.4	13.9	14.0	14,3	1441	13.7	14.4	14.7	14.6	13.9	14.1		14.1
	AVERAGE	٥,	56.4	56.5	56.3	57.1	57.1	56.7	57.2	57.1	57.1	57.7	59.2	57.8	57.3	56.1	56.6	57.4	58.1	57.0	57.0	97.9	57.1	57.2	57.7	57.3	36.7	58.0	58.5	58.3	57.1	57.4		57.3
		DATE	1961	1967	1950	1972	1974	1970	1971	1971	1976*	1971	1963	1971*	1971	1971	1966	1966	1966	1991	1991	1965	1972	1949	1975	1975	1968	1963	1970	1963	1970	1970*		1970
٥	IE 31	၁့	31.7	30.0	28.3	28.3	26.7	28.9		28.9	27.2	27.8		32.2	37.2	27.2	26.7	30.0	29.4	25.6	27.8	29.4	32.2	31.1	33.3	35.0	33.3	35.0	39.4	37.2	33.9	33.9		39.4
MAXIMUM TEMP	EXTREME	٠ ٦	89	98	83	83	80	84	86	34	18	82	88	06	66	18	80	98	85	78	82	85	06	88	26	98	9.5	95	103	66	63	63		103
MA	E	၁့	21.2	22.1	22.1	21.7	20.7	21.8	22.1	21.9	21.7	21.7	21.5	50.9	0.12	20.7	20.7	21.0	21.0	21.0	20.6	22.0	22.4	23.4	23.3	22.1	22.7	21.7	22.3	2.	22.3	22.9		21.8
	AVERAGE	, F	70.2	71.7	71.8	11.1	69.3	71.2	71.7	71.5	71.0	71.0	70.7	69.7	8.69	69.2	69.2	8.69	8.69	8.69	GO20nm	200	72.3	74.1	73.9	71.8	72.9	71.0		71.8	Elbard.	73.2		71.2
		v	17.4	17.0	17.8	17.8	17.3	17.7	18.0	17.9	17.8	18.0	10.2	17.0	17.6	17.1	17.2	17.4	17.8	17.4	17.2	18.2	18.2	18.6	18.5	18.1	18.2	19.1	18.6	18.3	18.2	18.5		17.9
MEAN TEMP	AVERAGE	٠ ٤.	63.3	64.1	0.40	04.1	63.2	63.9	4.49	64.3	1.49	4.49	64.7	1.49	63.6	62.7	63.0	63.3	0.49	63.4	63.0	64.7	64.7	65.4	65.3	64.5	64.8	64.5	49.4	65.0	64.7	65.3		64.2
		o VAO	•	2	3	4	2	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

\*ALSO ON EARLIER YEARS

# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

SAN NICOLAS, CALIFORNIA

93116 STATION

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STATION NAME

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1945-1945	
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YEARS

OCTOBER

MONTH

	MEAN TEMP	MP		MM	MAXIMUM LEMP	4			Σ	MINIMOM LEMP	II.	
	AVERAGE	3E	AVERAGE	GE	EXTREME	ME		AVERAGE	3.	EXTREME	ME	
DAY	¥.	o°.	₽,	၁့	<b>4</b> °	၁့	DATE	٠ ١	ပ	, F	္စ	DATE
-	0.49	17.8	71.8		100	2	1970	56.2	1304	64	4.6	
2	63.1	17.3	70.1	Bertille.	92		1945	1.96	13.4	64	4.6	1
3	9.99	18.1	73.0		68	-	1945	56.2	13.4	84	8.9	-
4	63.5	17.5	71.0	21.7	96	32.2	1971	56.3	100	84	8.9	-
2	63.4	17.4	70.6	محصا ،	60	3	1971	26.1	13.4	43	8.3	-
9	04.0	19.1	72.2		96	3	1971	57.1	13.9	53	11.7	1974
1	64.9	18.3	72.9		92	33.3	1948	80.9	3	31	10.6	1974#
8	63.7	17.6	71.1	21.7	87	-	1661	56.2	13.4	52	11.1	1977*
6	63.3	17.4	70.3		06	32.2	1970	50.2		20	10.0	1977
9	62.2	16.8	68.7		88	29.4	1971	55.7	13.2	25	11:1	19504
=	62.0	16.7	0.69	20.6	2	26.1	1971	55.0	12.8	64	4.6	1961
12	65.9	17.2	70.4		34	28.9	1950	55.5	13.1	64	4.6	19734
13	63.4	17.4	71.1		100	37.8	1950	55.7	13.2	64	4.6	1977
14	61.6	10.4	68.7	20.4	79	26.1	1973	34.6	12.6	90	10.0	1977
15	61.6	16.4	68.7		89	31.7	1974	54.5	12.5	20	10.0	1977
16	62.0	16.7	4.69		98		1974	54.7	12.6	48	8.9	1971
17	61.6	16.4	69.5	20.3	06	32.2	1961	54.7	12.6	64	7.2	1971
18	62.3	16.8	1.69	20.6	94	8	1973	55.4	13.0	44	6.3	1971
19	62.5	16.9	70.5	21.4	88	31.1	1964	54.5	12.5	64	4.6	1977
8	61.3	16.3	67.4	19.7	82	29.4	1965	55.1	12.8	44	8,3	1949
21	61.3	16.3	67.8	19.9	87	30.6	1965	34.8	12.7	44	8.3	1949
22	45.4	16.9	69.3	20.7	06	32.2	1965	95.4	13.0	90	10.0	1977
23	63.2	17.3	70.9	21.6	06	32.2	1965	55.5	13.1	64	8.9	1975
24	65.9	17.2	70.2	21.2	30	:	1968*	35.5	13.1	48	6.8	1975
25	62.0	16.7	69.8	-	85	29.4	1965	24.1	12.3	44	8.3	1977
26	60.5	15.8	67.2	19.6	84	28.9	1965	53.8	12.1	69	4.6	1977
27	60.0	16.0	67.8	19.9	87	30.6	1973	53.7	15.1	84	8.9	1949
28	41.0	16.3	689	20.5	89	31.7	1973	53.9	12.2	69	7.2	1949
29	61.8	16.6	0.69	50.6	69	29.4	1949	54.5	12.5	24	9.6	1971
30	62.1	16.7	70.3	21.3	88	29.4	1973	53.7	15.1	04	+.+	1971
31	62.5	16.9	70.4	21.3	98	30.0	1961	54.5	12.5	64	4.6	1977
Monthly	62.6	17.0	6.69	21.1	100	37.8	1970*	55.5	12.9	00	4.4	1971

\*ALSO ON EARLIER YEARS

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## DAILY AVERAGE/EXTREME TEMPERATURES

SAN NICOLAS, CALIFORNIA STATION NAME 93116 STATION

1947-1952 1945-1945

6666-6666

NOVEMBER

EXTREME MINIMUM TEMP

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EXTREME MAXIMUM TEMP

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Monthly

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'ALSO ON EARLIER YEARS

MEAN TEMP AVERAGE

- DAY
- 0
- 0



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# DAILY AVERAGE/EXTREME TEMPERATURES

A THE SECRETARY COMPANIES OF TAXABLE AND THE PARTY OF THE

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

SAN NICOLAS, CALIFORNIA

STATION NAME

93116 STATION

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0

1945-1945 1947-1952 9999-9999

MONTH DECEMBER

		DAT	19	1	7	7	7	7	7	4.4 1972				113								1.0 1971									1,3 1966	1	-
MINIMUM TEMP	EXTREME	° F 3°								+ 0+																							
		o°.	6.6	1001	9.7	6.4	9.6	9.1	9.6	4.6	9.2	6.3	0.6	0.6	8.7	8.7	8.5	0.6	9.1	8 8	0.6	8.7	6.3	8.9	9.8	9.5	9.6	8.9	8.6	8.2	8.2	7.6	1.7
	AVERAGE	<b>₽</b> °	49.8	1.05	40.64	40.4	49.3	48.4	49.2	48.9	48.5		48.2	48.2	-	-	-	48.2		-		47.7	46.9	48.1	47.5	49.1	48.9	48.1		46.7		45.7	
		DATE	1976	1975	6961	1965	1977	1970*	1975*	1975	1948	1973*	1950	1950	1977	1977	1976	1974	1950	1974#	1973#	1972	1972	1976	1950	1947	1947	1941	1947	1949	1975	1961	1040
Ь	ME	o°.	24.4	25.6	25.6	24.4	21.7	22.2	22.2	25.6	24.4		•	:	• 1	18.9		25.0	.1	:	-	20.0	-	-	2	3		26.1	22.8	21.7	21.7	17.2	
MAXIMUM TEMP	EXTREME	, F	76	78	78	16	1,1	72	72	78	16	7.4	68	69	70	99	10	11	7.1	1.1	89	89	7.8	99	11	78	78	46	73	7.1	1,1	63	77
	3	၁့	17.6	17.9	16.4			16.4	16.7				14.9	15.7	15.3	14.7	15.3	•	15.3		•	14.8	15.2	14.6	15.6	1.91	16.2		15.7	15.2	14.7	14.2	7.41
	AVERAGE	т.	63.6	64.3	61.5	61.4	61.8	61.5	62.0	41.0	61.6	8.09	58.9	•	59.5	56.5	99.66		59.6			988	59.3		60.1			9.09	60.2	59.3	\$8.4	57.6	6.83
4		ۍ °	13.7	14.0	13.0	13.0	13.1	12.7	12.8	12.6	12.6	12.7	12.1	12.3	12.0	11.8	11.9	12.7	12.3	12.4	12.3	11.8	11.7	11.7	12.1	12.7	12.9	12.4	12.1	11.5	11.2	10.9	6.11
MEAN TEMP	AVERAGE	<b>4</b> °	56.7	57.2	55.4	55.4	55.6	34.8	55.1	34.6	54.7	54.9	53.7	54.2	53.6	53.2	53.4	54.8	54.1	54.3	54.2	53.2	53.1	53.1	53,8	84.8	55.2	54.4	53.7	52.7	52,2	51.7	6.68
		DAY	1	2	3	4	2	9	,	8	6	10	11	12	13	14	15	16	11	18	19	20	21	22	23	24	26	26	27	28	29	30	2.1

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\*ALSO ON EARLIER YEARS

**EXTREME VALUES** 

C

MAXIMUM TEMPERATURE (FROM DALLY OBSERVATIONS)

47-52, 55,

43,

SAN NICOLAS, CALIFORNIA STATION NAME

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WHOLE DEGREES FAHRENHEIT

MONTHS									*			96	06		66	66	100			The second secon	<b>3</b>	4.40	4.494	6156
DEC.	19	2.5	:-	63		7		99	16	60	11	99	78	72	99	78	76	77		16	23	-	5.137	558
NOV	72	208	98	77				75	99	8	90	73	82	73	81	76	7.5	63	80	88	62		9.56.9	570
120	28		100	69				88	16	98		88	89	001	96	8	8	95	98	40	75	4.0	000.0	558
SEP.	98		83	82			66	16	63			92	8	103	66	06	16	80		81	80	0	700-	480
AUG.	8 00	20	82	75	69	18	82		66		66	8 2	06		16	63	88	10	67	88	10	4		620
JUL.	76	7.5		4.0			72		78	78	80	16	78	87	86	91	88	83		78	8	4	700	527
JUN.	**	70	82	20					72	80	99	00	7.5	85	8	78	100	80		98	72	- 0	210	240
MAY	0.98	2.5	:						7.8			5	11	100	78	82	88		69	77	67	0	ONCO	434
APR.	67			*					18		10	96	06	78	90	73	16		64	68	75	11.	0.0	450
MAR.		50	9	42	*				74	83	20	78	78	73	75	74	68	73	10	74	69	13		558
5		2	99		2				90	20		20	1.0	2	83	7	89	72	6.3		2	-		396
JAN.		1	9	2					16	73		78	44	*	. 9	69	73	69	63	81	2	1	4.00.7	465
YEAR	6.4	83 0	20	=======================================	55	54	63	40	69	99	67	90	69	20	7.7	72	73	*	15	76	=		200	TOTAL OBS.

NAVWEASERVCOM

**EXTREME VALUES** 

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MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

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47-52, 55¢

45,

STATIONAL STATION NAME

LESS TIAN FULL MONTES

/BASED ON

62-77

DEC.

MAX TEM MONTHS

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NAVWEASERVCOM

TOTAL OBS. MEAN S. D.

### EXTREME VALUES

MINIMUM TEMPERATURE (FROM DALLY OBSERVATIONS)

\$7.

SAN NICOLAS, CALIFORNIA STATION NAME

STATION

47-52, 55,

WHOLE DEGREES FAHRENHEIT

ALL											0.			66	37				36				38.5	1.291	8729
DEC.		:	**	30	64	43				43	42	38	14	04	38	4.1	14	38	**	40		64	41.7	3.405	527
NOV.		1,	0.7	9.	6.5	*				24	84	43	16	;	4.2	*		•	**	*	*	:	45.5	3.023	510
OCT.	25	2	20	43	25	25				40	6.9	20		;	84	25	04	2	1.	2	3	9	6.84	3.027	558
SEP.	24		04	20	30	ż			21	53	96			25	20	20	53	52	64	25			51.9	2.825	480
AUG.	50	51	25	0,	3.4	30	82	1	35		53		34	51	47		55	23	54	64	0 t	80	51.7	2.159	
JUL.	34	48	84			*			en		52	30	20	31	9*	54	21	2	52	42		20	6.64	1	1
N.	90	20	7	51	30	2					30	20	**	64	4.8	20	20	20	52	32	•	9	8.8.	2.915	440
MAY	84	20		64							20			47	64			4.3	20		6.9		8.94	3.027	343
APR.	42	*		*		48		2011			**		04	4.55	94	4.5	1,	45	94		4 4	(100 to 1) to 5	9.84	2.759	490
MAR.			38	4.5	*	34	6				:	\$	42	94	00	43	24		04	45	43	7	8.1.9	3.016	707
Ą			42		9		43				42	37		\$	37	*	24	\$	43	7	*		8.1.	2.544	1
JAN.				33	40	*					0,	•		33	36	38	36	37	38	\$	3		38.4	2.663	204
YEAR	4.5	*1	8.4	•	90	36	25	200	63	44	69	:	63	**	69	20	14	72	73	74	22	*	MEAN	S. D.	TOTAL ORS

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

\$7,

47-52, 55,

43,

SAN NICOLAS, CALIFORNIA

A THE RESERVE THE PROPERTY OF THE PARTY OF T

N

DEGREES FAHRENHEIT LESS TIAN FULL MONTHS/

VBASED ON

62-77

MONTHS

MIN TEMP

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DAYS MIN TEMP

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MEAN S. D.

TOTAL OBS.

NAVWEASERVCOM

**EXTREME VALUES** 

MINIMUM TEMPERATURE (FROM DALLY OBSERVATIONS)

45,

SAN NICOLASS CALIFORNIA STATION NAME

93116 STATION

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47-52, 55,

/BASED ON LESS THAN FULL MONTHS/

37.

DEC. NOV

MONTHS MIN TEMP DAYS

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APR.

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NAVWEASERVCOM

S. D. TOTAL OBS.

12EA8-7005 MSM

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NAVWEASERVCOM

#### 55 PSYCHROMETRIC SUMMA JAN 68 764.0 Dry Bulb Wet Bulb Dew Point 809 PSYCHROMETRIC SUMMARY PAGE 2 HOURS (L.S.T.) Total MONTH 608 TOTAL ≥ 93 F 609 Mean No. of Hours with Temperatur ≥ 80 F D.B./W.B. 608 31.8 131 ≥73 F 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 82.0 ₹ 67 F 115.0 ≤ 32 F 1.5 7.1 5.6 4.4 2.8 3.8 2.3 1.8 10 F WET BULB TEMPERATURE DEPRESSION (F) 809 608 No. Obs. 7.149 4.680 64.3 50.1 57.1 SAN NICOLAS, CALIFORNIA 34713 39115 5.117.617.316.813.7 7.8 5.6 2012921 1537100 1166093 3.4 1.2 •

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NAVWEASERVCOM

Element (X) Rel. Hum.

Dry Bulb Wet Bulb

**Dew Point** 

12542 - 7605 HSH

1	.T.)						4	13	0 4	01	26	28	18	95	00	108	m 4	es es	547			-	672.0
MONTH	PAGE 1 HOURS (L.S.T.)	TOTAL						900	**	25	200	9 6	6	+						247		Total	67
1	P	11.9	7-		0 6	170	75	110	200	27	0	~~							547		•	≥93 F	
		TOTAL		- 0 4	•	17	7.5	110	200	27	6	~ ~	1							347	Mean No. of Hours with Temperature	≥80 F	
		16.4																			ours with	≥73 F	7.4
		00 00																			No. of H		25.8
YEARS		20 70 30	1																		Mean	₹ 67 F	25
		76 36 76								-												≤ 32 F	
		22 22	7.	4															• 5			±0 F	
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		DEPRESSI	~	~	*	40	?												1.6		No. Obs.	547	547
		ERATURE	2	.2				4.											1.8	Annual Control		16	51
		BULB TEMPERATURE DEPRESSION (F)		•	.2		*.												1 2.9		σ×	20,391	5.351
		WET B			50		•	00	*		•			+					6.6 5.		×	72.2	56.4
ION NAME		0	1_			40	00	01			9								8.2 6			39471	828
STAT		. , ,				75	5.0	70	2.7	**	. 2.										Σx	35	36
STATION NAME		1, .					7.1	9.0	3.3	- C.		.2							8.024.921.417.9			3075227	1753052
		•					2.5	*		~	4	24.							124.9		$\Sigma_{X^2}$	307	175
1		•				100			7.5														
STATION		Temp.	22	5 2 5	~	69 /9		56/ 55	4/ 53	50 40		14 /24	10/ 39	66 / 33	2/ 31	30/ 29		2 /	18/ 17 07AL	٠	Element (X)	Rel. Hum.	Dry Bulb

PSYCHROMETRIC SUMMA JAN 68

WET BULD TEMPERALURE DEPRESSION (7)  2		STATION NAME	***************************************		1	1100		YEARS					HONTH	r
War fluts thereactive Develosion (i)   T. 18   13 - 14													AGE I	.S.T.)
2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	1			SULB TEMPERA	TURE DEPRESS	ION (F)	00	100 00	00	100	TOTAL	9	TOTAL	1
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100 100 21 157 137 45 158 157 137 45 159 5.4 1.8 1.5 1.8 1.8 1.3 1.2  2											21		71	
11.1225		9	700					1			100		218	
1.1   .2   .2   .2   .2   .2   .2   .2	90,000,000	2-									200		6.5	25.
17.2 5.4 4.1 1.5 1.6 .8 .3 .2  17.2 5.4 4.1 1.5 1.6 .8 .3 .2  \$\frac{\infty}{2}\chi \times \frac{\infty}{2}\chi \t	3.4 2.			. ~							20		124	182
17.2 5.4 4.1 1.5 1.6 .8 .3 .2  \[ \begin{array}{c ccccccccccccccccccccccccccccccccccc	w. c										0 4		4 6	40
17.2 5.4 4.1 1.5 1.6 .8 .3 .2 611 611 611 611 611 611 611 611 611 61											6		30	22
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517.2 5.4 4.1 1.5 1.6 .8 .3 .2 611 611 611 611 611 611 611 611 611 61							`							2 7
χ         σx         No. Obs.         Mean No. of Hours with Temperature           69-3 16-662         611         ≤0F         ≤32F         ≥67F         ≥73F         ≥80F         ≥93F           49-8         4-030         611         19-5         2-4         ≥80F         ≥93F	222.327.	17.	3.	1.5	60						119		1110	119
X         σ <sub>x</sub> No. Obs.         Mean No. of Hours with Temperature           69.3 16.662         611         ≤0F         ≤32F         ≥67F         ≥73F         ≥80F         ≥93F           55.3         4.080         611         ≤0F         ≤32F         ≥67F         ≥73F         ≥80F         ≥93F           49.8         4.030         611         56.4         ≥80F         ≥93F														
69.3 16.662 611 sof s32F 267F 273F 280F 293F 55.3 4.680 611 19.5 2.4		Σx	×	σx	No. Ob				Mean No. o	f Hours w	th Tempera	ature		
55.3 4.880 611 19.5 2.4 49.8 4.030 611	3105713	4235		7		11	≥ 0 F	≤ 32 F	≥67 F	≥73 F		H	4	otal
49.8 4.030 611	1880336	3376		1		11			19.5	4.4		1	-	0000
	45	3040	49.8	1		11							1	0000

PAGE	COLLAS. CALLERNIA   A   Page		LS.T.)	Dew Point							4	100	54	131	83	30	19	8	<b>60</b> m	2	-	294		Total	720.0	720.0
No. Ob.   No.	SAN NICOLAS, CALIFORNIA  WITH WAS THANKAMEN DEPRESSION (6)  1. 2 34 56 76 9.10   11.12   13.14   15.16   17.12   12.12   13.14   13.14   14.15	APR SONTH	HOURS	Yet Bulb						19	34	64	157	133	92	-						594				1
WET BLUE TEMPERATURE DEPRESSION (5) 12 2 3 2 2 3 2 2 3 2 3 2 3 2 3 3 3 3 3	SAN NICOLAS, CALIFORNIA    1.2   3.4   3.4   7.8   9.10   11.22   13.4   15.10   19.20   13.10	0	1	-	_	-5	*	E 4	32	45 E	123	200	200	31	~							294		× 93		
WET BULB TEMPERATURE DEPRESSION (F)  2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SAN NICOLAS. CALIFORNIA  WET BULD TEMPERATURE DEPRESSION (7)  1.2 3.4 5.6 7.8 9.10 11.12   3.4   15.16   7.16   7.16   7.2   3.24   3.2		1	1000	-	-	3	13	32	45	123	1 00	56	31	~ ~							594	Temperatu	≥80 F	1.2	
WET BULLS TEMPERATURE DEPRESSION (F)  WET BULLS TEMPERATURE DEPRESSION (F)  WET BULLS TEMPERATURE DEPRESSION (F)  9 - 10   11 - 12   3 - 14   5 - 16   17 - 18   19 - 20   21 - 22   25 - 26   27    9 - 2 - 2 - 2 - 2 - 3 - 2 - 2 - 2 - 2 - 2	Net Blub Telefrande California (a)    1.2   3.4   5.6   7.8   9.10   11.12   3.4   11.2   3.2						1																ors with	3 ₽	8.5	
WET BULLS TEMPERATURE DEPRESSION (f)  WET BULLS TEMPERATURE DEPRESSION (f)  9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27  9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27  9 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	SAN NICOLAS. CALIERNIA  Wet auts Temerarune Devession (8)  1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.2  2. 2 1.7 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.2  2. 2 1.7 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.2  3. 2. 2 1.7 5.6 7.8 9.10 11.12 1.2 5.2  3. 2. 2 1.2 5.6 5.8 5.2  3. 2. 2 1.3 5.6 5.9 2.5 1.2 6.8 15.7 1.0 1.2 5.2  2. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			. 30			1																ة. و. م	27	_	
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A S S S S S S S S S S S S S S S S S S S	SAN NICOLAS, CALIFORNIA (ME)  1.2 3.4 5.6 7.8 9.10 11  1.2 3.4 5.6 7.8 9.10 11  2.2 2.7 5.8 2.2 2.7 3.8 3.2 2.2 2.7 3.8 3.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2			3 - 14 1					Š.	6.0												1.2	, ×	6.84	5.24	•
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11.2 3.4 CALIFF SATION IN STANDS IN	SAN NICOLAS, CALIFO ************************************	RNIA		01	\$1 BOX 51 7						2.2	5										6.9		+		
1.2 3.4 5.1 5.6 1.2 3.4 5.6 1.2 3.4 5.1 5.6 1.2 3.4 5.1 5.1 5.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	SAN NICHLAS, CA 0 1.2 3.4 5.1 1.3 2.7 4.6 5.1 1.3 2.2 1.3 .3 1.3 2.2 1.3 .3 1.3 2.2 1.3 .3 2.4 6.2 2.5 1.3 2.2 1.3 .3 2.4 6.2 2.5 2.5 4.0 2.9 1.9 1.3 2.2 1.3 .3 2.4 6.2 2.5 1.3 2.2 1.3 .3 2.4 6.2 2.5 1.3 2.2 1.3 .3 2.4 6.2 2.5 1.3 2.2 1.3 .3 2.4 6.6 2.9 1.9 1.4 6.6 2.9 1.9	ATTON MAIL		~				6	1:3	2.7	4.5											18.5	Z X	9601	3412	3063
1.2 2.4 4.6 16.7 1.3 2.4 1.3 2.4 1.3 2.4 1.3 2.4 1.3 2.4 1.3 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	3.014.818.72 2.94019 2.94019 2.94019 2.94019 2.94019 2.94019	75		5.6					2.5	2.2	9:0	200	2.0	· ·	,							29.5				
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## PSYCHROMETRIC SUMMARY

5 PSYCHROMETRIC SUMMA JAN 68

MONTH	LS.T.)		Wet Bulb Dew Point								7			122	31	12	*-	588		Total	744.0	744 0
	PAGE 1	TOTAL	Vet Bulb							13	56	176	129	46	*			588				
	d		Dry Bulb \		2	~ <	0:	20	38	116	126	7.	21	7				588		≥93 F		
		OTAL	D.B./W.B. Dr		2 -	-	0:	101	38	116	126	72	21	~				588	Mean No. of Hours with Temperature	≥80 F	2.5	
			231 D.I																- with 1	_	15.2	-
			- 30																of Hou	≥73 F		
			27 - 28 29									+	1						lean No.	≥ 67 F	49.3	
			25 - 26 27																_			
			24 25									+	1							≥ 32 F		
			13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24	20														e.		≥ 0 F		
		N (F)	. 20 21																		6	-
		EPRESSIC	. 18 15		.2	.2												e.	No. Obs.	588	588	
		ATURE D	5 - 16 17						1												2	
		WET BULB TEMPERATURE DEPRESSION (F)	3 - 14 15		.2	5	.2											6.	××	2.75	4.705	-
		VET BULB	11 - 12			~	77	77.										1.4	×	73.9	58.8	
			9 - 10				1	2.5	6.	1.5	0.5	?						5.4				t
			7 . 8				5	10	2.2	4.9	1.9	. ~	• 2					4.8	ZX XX	43462	34571	1
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			0								1915/11/02	1.2						2.61				
		d		83	52	5:	5	69	63	2.5	52	53	31	\$ 5	6.4		55	_	8	fum.	Sulb	-
-		Tem	•	84/	23	2	2		199	200	38	24	52/	204	33	20	23	TOTAL	Element (X)	Ref.	Dry Bulb	

PSYCHROMETRIC SUMMA JAN 68

WAT BIAL TRAVERALURE DIPRESSION (f)  O 11.2 3.4 5.6 7.8 9.10   11.13   13.14	STATION	STATION NAME	11.11		STATION NA	1			1	13-61			YEARS					1	HONTH
Color   Colo							7											2	GE HOURS
99	Temp.						/ET BULB	<b>TEMPERAT</b>	URE DEPRE	SSION (F)						TOT	JA!		TOTAL
93	(9)		3.				1 . 12 13	. 14 15	1 - 71 91 -	8 19 - 20	. 22	. 24	- 26	. 28	V			-	et Bulb
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75	-		B HAND	8	~	.2											68	89	56
57		S KNOW	- 1,000	•	-												95	98	46
15 1.6 7.1 3.7 .2 .2 .2 .2 .2 .2 .148 .156 .156 .156 .156 .156 .156 .156 .156	-	ELECTIVATE OF THE PARTY.		•	7												29	62	112
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45   41   59   50   50   50   50   50   50   50																			=-
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37   29   29   29   20   20   20   20   20																			
/ 29 / 29 / 29 / 29 / 29 Aean No. of Hours with Temperature 								+								+	+		
/ 29 / 23 / 23 / 23 / 23 / 23 / 24 / 25 / 25 / 25 / 25 / 25 / 25 / 25 / 25																			
/ 23  / 23  / 23  ent (X) Σχ²																			
23	-								-	-		1	1	1		+	+	+	1
Σχ²         Σχ         Υ         σx         No. Obs.         Aean No. of Hours with Temperature           ≤0F         ≤32F         ≥67F         ≥33F         ≥80F         ≥93F	•	1																	
20F 232F 247F 273F 280F 293F	Element (X)	Σx²			ZX	-	×	σ×	Š	Obs.				Mean No.	of Hour	with Tem	perature		
	Rel. Hum.										≥ 0 F	= 3	7.	≥ 67 F	≥73		30 F	≥93 F	ř

0 80 0

F 1	Dew Point	2962			Total	720.0	2000
PAGE 2	TOTAL Wet Bulb	39.5		-	-		+
	Dry Bulb   Wet Bulb   Dew Point	9 9			AI	20.1	
	TOTAL D.B./W.B.	298		Mean No. of Hours with Temperature	≥80 F	23.0	
	184	•		lours with	273 F	44.0	1
	8 29 - 30			No. of		7.7	•
YEARS	26 27 - 2			Mear	₹67 F		
	24 25 .			1	≥ 32 F		
	FET BULB TEMPERATURE DEPRESSION (F) 1-12   13-14   15-16   17-18   19-20   21-22   23-24   25-26   27-28   29-30	~			10 F		-
"	ON (F)	•		+	+	90	,
77-67	TET BULB TEMPERATURE DEPRESSION (F)	1:5		No. Obs.	562	569	-
	ERATURE	7-1		-	86	325	23316
	ULB TEMP	7:				3.273	
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93116 station	Temp.	OTAL	100	Element (X)	Rel. Hum.	Wet Bulb	

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-05	PSYCHROMETRIC	SUMMA	JAN 6	3

PAGE 1 HOURS (L.S.T.)

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SAN NICOLAS, CALIFORNIA

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16 /26																•			.2		-						
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84/ 63															•									<b></b>	٦.		
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76/ 75							1.1		*														1		15		
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1		5.5	6.2	*		9.	.2																6		66	62	~
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66 /09	1.8 6	4.9	6.	•	7	.2													-				5		26	152	106
6 /	8.	9.4	.7	•	~																		4	41	41	116	13
56/ 33	.7	1.4	1.2									11-											-		19	64	122
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																							561			196	
Element (X)	3	2x2			Zx			×		σ×		Z	No. Obs.							Mean N	lo. of t	lours w	Mean No. of Hours with Temperature	erature			
Rel. Hum.		332368	189		424	604		75.6		4.501	10		561	1,		≥ 0 F	-	≤ 32 F		≥ 67 F		≥73 F	≥80 F		≥ 93 F		Total
Dry Bulb		2393426	426		36	210		65.1		5,565	69		561	11					-	242.7		80.9		10.6			744.0
Wet Bulb		020	675		336	621		59.9		3.205	90		561	7						18.6							744.0
Dew Point		800	1800662		31.	714		56.3		3.7	739		561	-													766.0
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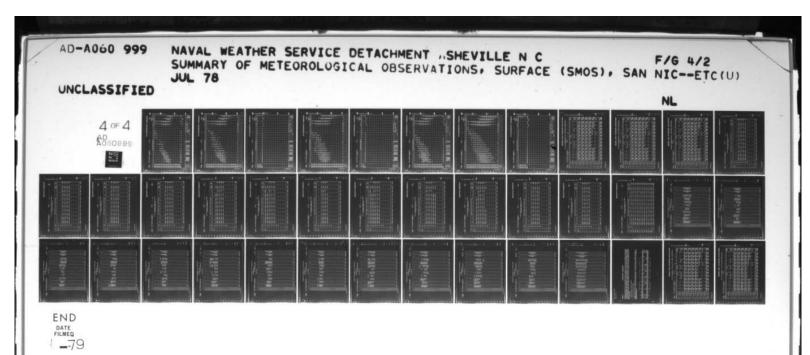
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### PSYCHROMETRIC SUMMARY

5 PSYCHROMETRIC SUMMA JAN 68

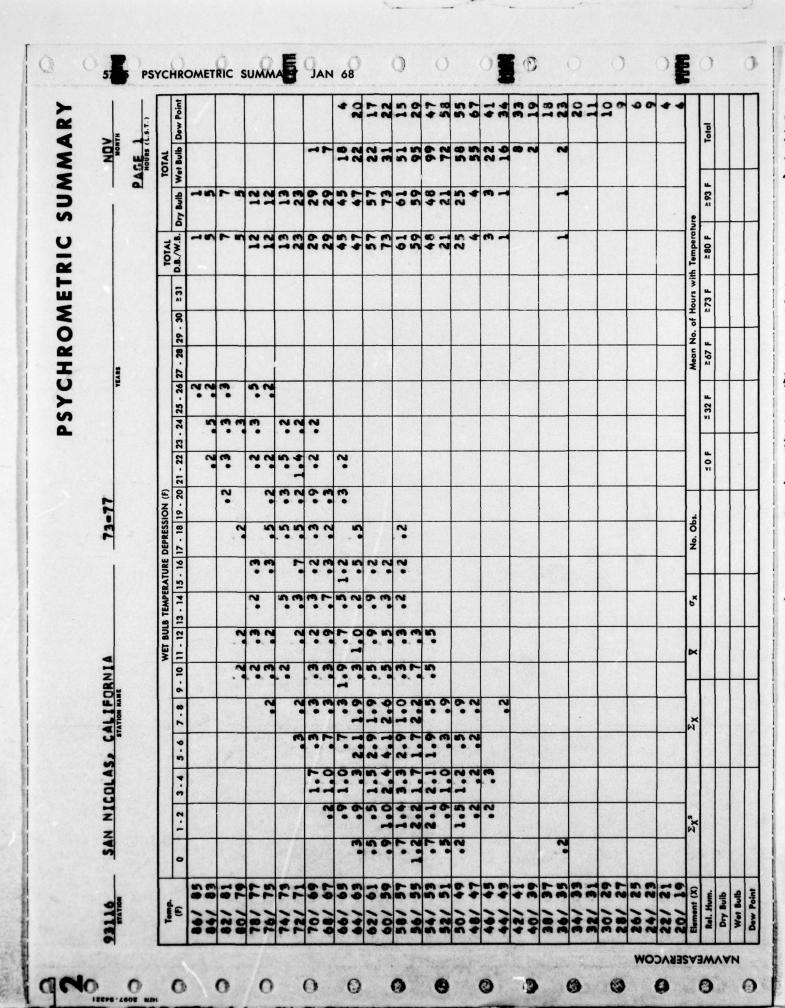
Tomp.																	PAGE 1	S.T.)
8:	1 1.2	3.6	5.6	7 - 8 9	01 -	T BULB TEN	IPERATUR 14 15 - 16	WET BULB TEMPERATURE DEPRESSION (F)	ON (F)	- 22 23	. 24 25 .	26 27 - 28	1 29 - 30	≥31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
										2	.2	2.		A CONTRACTOR	6.3			
86/ 85							.2			.2	2.				<b>n</b> -	n -		
82/ 81							~.		*						m -	-		
5 % 5 %					20	77	4	20	2.		.2							
27, 73	10		·				40	1							25	25		
70/ 69		2 . 6	"					2.							200	20		
66 / 65		day a	4.	80	10										26	101	95	
	Contraction of the	0.0	~	2.								-			225	25	130	**
25.	2.0 5.2														20	30	133	157
53	Diff.														2	~	-	5.5
-				-														*
46/45																		
								3										200
36/ 35																		
26/ 29 t	.725.022.422.213.1	322.4	22.2	apatha	5.2 1		9 1.4		.5	4.	.5	7 1.1				559		559
															959		530	
Element (X)	- 2x3			2x		6	\*\*	%	+			Mear	No. of	ours with	Mean No. of Hours with Temperature	-		
Ref. Hum.	33.	76058		12440	75.9	16	019.	559		± 0 F	≤ 32 F	-		≥73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb	23	78784		36304	. 50		6.140	55	0			204.8		61.8	25.8		7	20.0
Wet Bulb	61	1997087		33377	59.7		2.743	559	0			31					1	720.0

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A THE RESIDENCE AND ADDRESS OF THE PARTY ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY AD

TOTAL  13 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb  24 - 2
107AL TOTAL 10 E. W.B. B.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DCT MONTH	PAGE 2 HOURS (L.S.T.)	TOTAL Dry Bulb   Wet Bulb   Dew Point		594 594	365					293 F Total
		TOTAL D.B./W.B. Dry B			966			/	emperature english	1 1
		30 ±31 D.		2.					Mean No. of Hours with Temperature	≥73 F
YEARS		27 - 28 .29 -		5.					Mean	≥ 67 F
		3 - 24 25 - 26		1.0 1.0						≤ 32 F
		(F) 20 21 - 22 2:		1.3						40 F
73-77		DEPRESSION 17 - 18 19 -		1.7 2.5					j Š	765
		BUIB TEMPERATURE DEPRESSION (F) 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 -		2.0 2.0					*	9.735
MIA		- 10   11 - 12   1:		12 2.7						69.0
TATION WATER		7.8 9		7					2.0	41012
SAN NICOLAS, CALIFORNIA		3.4 5.6		19.422.715.8						2590
SAN NI		0 1.2		3.216.519					Ž <sub>Y</sub> 3	3062
93116 STATION		dwe.	22 / 23	/ 15 AL					80	Ref. Hum.



	валион в валион	Temp. 0	16/ 17 16/ 13 10/ 9 07AL 5.								Element (X)	Ref. Hum.
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SAN MICHEAS CALIFORNIA	11.2 3.	6						0		Σx3	2621524
	A31	4 5.6	916					9				
41 960	STATION NAME	7.8 9								No.	ZX XX	36604
	A N										_  ×	63.
	)	BULB TEMP	2. 4.1								×	0 23.319
		15 - 16 17	3						9			
		WET BULB TEMPERATURE DEPRESSION (F) - 10   11 - 12   13 - 14   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24	2.9 2.4								No. Obs.	195
		(F)	4 3.1								1	40 F
		23 - 24 25	7.7									≥ 32 F
	YEARS	25 - 26 27 - 28 29	*							Λ. (-)	Mea	H
		8 29 - 30					n				No. of H	≥ 4 79 ±
		TO TS = 31									Mean No. of Hours with Temperature	≥73 F ≥
		TOTAL D.B./W.B. Dry B		581							nperature	1 1
	PAGE 2	TOTAL  Dry Bulb   Wet Bulb   Dew Point	581	581								293 F
į	PAGE 2 HOURS (L.S.T.)	b Dew Poin	581									Total

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PSYCHROMETRIC SUMMA JAN 68

	£.T.)		Jew Point					-	~ «	13	* -	63	85	53	67	23	72		4	9 80	00	7 4	587			Total	744.0	744.0
MONTH	PAGE 1 HOURS (L.S.T.)	TOTAL	Wet Bulb Dew Point				-	~	12	20	108	105	2:	200	19	13	~			+				587		To	7.	~
	ها		Dry Bulb V	250	40	2:	33	32	2 9	2:	070	48	96	200	6	-					1		587			≥93 F		
		TOTAL	D.B./W.E.	~~	40	5:	33	32	9 9	2:	67	48	36		. "	-				1				587	with Temperature	≥80 F		
			≥31																		T				ours with	≥73 F	13.9	T
			29 - 30																						Mean No. of Hours			+
YEARS		0.018	27 - 28																						Mean	≥ 67 F	63.4	
			1 25 - 26 27		,					•																≤ 32 F		
			23 - 24																							_		
			21 - 22	.3	•		•																1.0			0 =		
		WET BULB TEMPERATURE DEPRESSION (F)	- 12 13 - 14 15 - 16 17 - 18 19 - 20 21		75	•	•	~	2		-			-									1.0		Obs.	587	181	587
1		RE DEPRE	6 17 - 1		~	W 11	1		0 0		$\perp$		and the second								1		7 3.1		No.			
		APERATU	14 15 - 1				• •	•			200			-					-	+			1 2.7		σ×	566	6.026	064.4
		SULB TEA	2 13 -			2		-		m (	3 .	2	<u>e</u>	-									8 4.1		0		•	; 0
		WET	- 11 0					-					7						-		-		3 6.8		×	66.5	58.2	51.7
I WANT			. 6 8			•	2		2 1	2.0	0			-						+	+		1 6.				+	+
STATIO			6 7.				41-	1.83		2.			-										.217.419.920.613.		2×	390	34	30321
			4 5				a in			40		0	**										920			66	90	200
			2 3				+			3.13	1950	122			2.								614.			9572	0000	1578023
STATION NAME			-					-	The same	27				1	120	.2							3.217		Σχ <sup>2</sup>	2	2	1
Tion		ub.	6	22	2:	5:	63	63	25	5:	53	2	::	45	43	78	33	33	53	25	23	61	_		Element (X)	Hvm.	Dry Bulb	Wet Bulb
1		Te		5%	32	è	3	3	709	58/	35	52/	33	9	*	39	36	33	30	26/	24	20/	707		Eleme	Rel. Hum.	Py	No.
																					A Bard	July 1	WOO	EEAC	EV2	M	VAI	7

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D5 PSYCHROMETRIC SUMMA JAN 68

	10.5	ew Point	****	294-	2 969							8760.0	0.00
ALL MONTH	PAGE 2 HOURS (LS.T.)	Wet Bulb Dew Point				0969					Total		87.
	٦	Dry Bulb W			1969						- 03 E	4.0	
YEARS HONTH		D.B./W.B.				0969					Mean No. of Hours with Temperature	121.8	
		231			0						Hours with	10	
		28 29 . 30			2 .1						Mean No. of P	0	0.6
YEARS		- 26 27 - 28			4						-		1
		13 - 24 25			10						£ 32	1	
		21 - 22			0.						40 F		
73-77	NO SOL	12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 -			1.5 1.0						No. Obs.	6961	960
1	Till of the state	. 16 17 .			1.7						ÖZ		
	1	13 - 14 15			2.2						×	1	
N N		21 - 11 01 -			3.6						X	60.5	24.0
FORN		8			.2 6.0					+	+	++	
CAL		5.6 7.			4.015						X 104	421256	380
COLAS		3.4			19.92						900	25835958	2810
SAN NICOLAS, CALIFORNIA		1.2			4.318.619.924.015.2					1	3711	2583	2075
1	-	0	2222	5555									
93116 marron		ÉE.	7 / 52 / 52 / 52 / 52 / 52 / 52 / 52 / 5		10/ 07AL			9			Ref. Hum.	Dry Bulb	Wet Bulb

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93116 STATION	1	SAN NICOLASS CALIFORNIA STATION NAME	ASS CA	STATION NAME	4		13011			YEARS			1	
HRS.(L.S.T.)	1	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6	S. D. TOTAL OBS						56.0		56.0					
8	S. D. TOTAL OBS					54.0	56.0		57.0	1	56.0			
6	S. D. TOTAL OBS	51.5	90.6 3.366	3.326	3.485	3.658	57.9	60.3 4.394	2.994	60.3	\$8.6 4.612 153	5.639	52.7 4.295	
2	S. D. TOTAL OBS	58.3 6.306	57.6 4.366 141	3.905	58.0 4.164	59.2 3.896 155	62.8 5.920 150	65.3	3.649	5.394	65.6 5.879 155	63.4 7.023	5.334	
2	S. D. TOTAL OBS	0.00	59.2 4.547	58.1 4.253	4.668	4.354	65.6	68.1 4.533	3.414	5.461	6.452	7.427	5.408	
2	S. D. TOTAL OBS	7.043	57.8 4.762	\$6.5 4.570	5.077	59.9	6.891	5.212	3.227	66.7	65.3	62.2 7.831 141	58.7	Service and the service and th
2	S. D. TOTAL OBS	3.784	53.3	50.8	52.4 3.134 20					58.0	65.7	2.340	52.7 2.790	
8	S. D. TOTAL OBS									58.0				
HOURS	S. D. TOTAL OBS	7.149	56.4 5.352	\$5.3 4.881 611	5.241	8.04 8.00 8.00 8.00	62.5	65.1 5.566	4.604	64.9	64.3	7.613	58.2	

WET-BULB TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

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STATION	1	STATE	15	STATION NAME						YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6	S. D. TOTAL OBS						55.5		55.0					55.3
8	S. D. TOTAL OBS					52.0	54.0		55.0		93.0			53.5
6	S. D. TOTAL OBS	46.6 4.361	47.6 4.037 122	47.5 3.814 142	49.6	52.1 2.657 155	2.660	58.0 2.932	58.8 2.598 155	57.9	55.0 3.478 153	50.4	48.3	52.5 5.521 1708
2	S. D. TOTAL OBS	3.966	3.642	50.4 3.843	52.1 3.063 150	54.1 2.803 155	56.8 2.964 150	60.3 2.896 155	2.701	2.562	58.5 3.448 158	55.1 5.462 150	53.0 4.117	55.5
2	S. D. TOTAL OBS	51.6 4.149	3.613	51.1 3.819 155	53.0 3.076 150	55.0 2.893 155	57.9 3.347	61.2 2.853 155	62.4 2.611 155	2.452	58.9 3.657 155	5.568 5.568 150	53.3 4.073	56.1 5.265 1625
2	S. D. TOTAL OBS	51.0 4.265	52.0 3.640 124	50.2 3.866 136	51.9	54.2 2.751 122	56.8	3.262	61.0	2.457	57.8 3.567	53.9	51.9	5.099
61	S. D. TOTAL OBS	47.4 5.618	2.960 2	47.5 2.396 24	1.997					56.0	51.3	3.430	47.6	3.973
2	S. D. TOTAL OBS					Zi opis -	4			56.0	9	1		56.0
ALL	S. D. TOTAL OBS	50.1 4.681	4.171	49.8	51.6 3.233 594	53.8	3.223	3.205	2.909	2.743	3.874	53.7	51.7	54.6

DEW-POINT TEMPERATURES DEG F FROM HOURLY DOSERVATIONS

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93116 STATION	SAN	SAN NICOLAS, CALIFORNIA	AS, CA	AL I FORN	4		73-77	1		YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6	S. D. TOTAL OBS						55.0		54.0					34.7
8	S. D. TOTAL OBS					51.0	53.0		94.0		50.0			52.0
10	S. D. TOTAL OBS	0.00	7.274	44.3 6.512	4.827	3.562	51.6	3.490	57.6 2.896 155	56.2	51.9	9.591	43.6	49.4 8.230 1708
2	MEAN S. D. TOTAL OBS	44.1 6.526 155	7.621	45.1	5.358	3.922	52.4 4.068	57.0 3.590	3.060	3.727	33.2 6.306 155	47.6	46.8 8.233 155	50.5 7.870 1825
13	S. D. TOTAL OBS	9.172	46.1 7.787	44.4	3.896	3.580	52.2	3.786	58.2 3.124	56.3 4.056 150	52.2 7.545 155	52.2 46.5 7.54510.262 155 150	46.0 8.260 155	49.9 8.355 1825
2	MEAN S. D. TOTAL OBS	43.2 8.873	46.5 8.155	6.914	45.3	49.7 3.311	50.8	55.6 4.149	57.4	55.2	51.9	51.9 45.8 7.29011.198 127 141	45.2 8.684 131	8.440
2	S. D. TOTAL OBS	43.6	49.5 5.601	44.5	43.1					54.0	34.7	6.500	47.8 41.7 6.50010.593	7.879
22	S. D. TOTAL OBS									55.0				55.0
ALL	S. D. TOTAL OBS	9.00	1.714	44.5	46.3 5.633	50.0 3.610 588	51.9	3.740	2.997	56.1 4.183 559	7.067	52.2 46.4 7.06710.201	45.4	49.6 8.252 6960

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SAN NICOLAS, CALIFORNIA

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NCY OF OCCURRENCE	VATIONS
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

DENOM	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MOMIN	(L.S.T.)	<b>%01</b>	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
JAN	01											
	*0											
	7.0	100.0	97.1	4.06	86.0	80.1	73.5	59.6	44.9	30.1	72.2	136
	97	100.0	95.5	89.7	81.9	71.0	58.7	43.2	91.0	12,3	54,5	15
	13	100.0	95.5	83.9	74.2	63.9	48.4	32.9	16.1	5.8	57.6	15:
	91	100.0	94.2	85.5	81.2	9.69	59.4	42.0	23.2	4.3	61.8	136
	13	100.0	100.0	100.0	95.8	91.7	79.2	1.99	62.5	29,5	78.4	2
	22											
	t	d			i							
5	TOTALS	100.0	96.3	6.68	83.8	75.3	63.8	6.84	35.5	16.3	8.99	109
Carlo Contraction of the Contrac												

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11011	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	301	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
FEB	16											
-	ŧ											
	0.0	100.0	100.0	99.5	95.1	90.2	60.9	78.7	63.9	32.0	81.2	122
	9	100.0	100.0	97.2	87.2	6008	73.8	6003	35,5	16.3	71.4	**
	=	100.0	98.6	95.0	83.7	76.6	65.2	14.7	21,3	5.7	65.2	*
	2	100.0	8.96	92.7	89.5	86.3	71.8	58.1	27.4	13.7	69.7	22
	8	100.0	100.0	100.0	100.0	7.96	7.46	89.5	89.5	4.7.4	88.0	
	22											
								9				
5	TOTALS	100.0	1.66	90.8	91.1	\$5.7	78.5	66.3	47.5	23.0	75.1	-
100000000000000000000000000000000000000	CHARLES THE REST OF THE PARTY O						ı					

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SAN NICOLAS, CALIFORNIA

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TANCH	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
E CALL	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
HAR	8											
	8											
	7.0	100.0	100.0	98.6	97.2	94.4	91.5	78.9	53.5	26.1	80.2	*
	91	100.0	100.0	97.4	94.8	86.4	72.7	47.4	19.5	6.5	68.2	15
	13	100.0	100.0	93.5	91.0	84.5	61.9	25.2	7.1	1.9	62.4	151
	91	100.0	99.3	97.1	91.9	96.0	4.69	36.0	12.5	5.1	65.5	136
	•	100.0	100.0	100.0 100.0		100.0	7.16	79.2	90.0	4.2	79.3	7
	22											
<u>5</u>	TOTALS	100-0	99.9	97.3	95.0	90.3	76.6	53.3	28.5	8.8	71.1	•

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SAN NICOLAS, CALIFORNIA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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1	HOURS			PERCENTA	GE FREQUENCY	T OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
APR	10								ğ			
	*0											
	0.7	100.0	100.0	0.001 0.00	97.2	94.3	90.1	4.64	56.7	31.2	81.0	141
	91	100.0	100.0	0.96	95.3	92.0	77.3	48.0	16.0	2.7	1.89	150
	13	100.0	97.3	0.46	92.7	86.7	1.99	22.0	0.0	£.	4.29	150
	91	100.0	97.0	93.2	188.7	86.5	4.69	35.3	0.6	1,5	93.2	133
	•1	100.001	100.0	100.0	85.0	80.0	75.0	70.0	55.0	15,0	74.1	20
	22											
5	TOTALS	0.001	98.9	96.6	91.8	87.9	74.9	80.9	28.5	10.2	6.69	594
									ı			I

NO. OF OBS.

#### RELATIVE HUMIDITY

SAN NICOLAS. CALIFORNIA

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	30% 40% 50% 60% 70% 80% 90% HUMIDITY		0.00 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0 99.4 98.1 96.1 87.1 69.0 31.6 84.4	99.4 99.4 97.4 85.8 61.9 25.2 5.2 73.3	99.4 98.7 95.5 78.1 30.3 7.7 1.9 67.1	00.0 98.4 97.5 87.7 45.9 11.5 .8 69.8			
CUMULATIVE PI (FR	PERCENTAGE			0 100.0		4.66	4.66				
		10% 20%		100.0 100.	100.0 100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0 100.0			
	HOURS	(L.S.T.)	10	*	6	07	13	16	61	22	
		MONIT	MAY								

155

155

155

122

76.9

42.7

65.0

89.5

97.7

99.2

99.8

100.0 100.0

TOTALS

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3116 SAN NICOLAS, CALIFORNIA

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

u v	HOURS			PERCENTA	AGE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
NOT	10	100.0	100.0	0.001 0.001 0.001	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	96.5	
	*	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0 100.0		100.0		90.0	
	7.0	100.0	7.86	97.3	96.6	94.6	91.9	87.2	67.1	92.9	83.0	149
	01	100.0	98.7	97.3	96.0	91.3	83.3	92.0	25.3	4:7	11.1	150
	13	100.0	90.0	96.0	94.0	85.9	74.5	29.5	11.4		64.3	149
	91	100.0	95.5	95.5	90.1	1.48	7.67	33.3	10.8	2.7	64.7	11
	67											
	22											
												*
TOTALS	SII	100.0	98.3	7.79	96.1	92.8	87.6	67.0	52.4	23.5	78.3	962

SAN NICOLAS, CALIFORNIA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.51   1056   2056   2056   5056   7056   5056   7056   1056   1056   1056   1056   95.7   95.1   95.5   81.8   48.7   86.3   1056   1056   95.0   95.7   96.1   95.5   81.8   48.7   86.3   1056   1056   1056   95.0   97.4   94.2   80.0   42.6   14.2   11.3   68.2   15.7   105.5   15.7   105.5   15.7   105.5   15.7   105.5   15.7   105.5   15.7   105.5   15.7   105.5   15.7   105.5   10		HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
04 04 05.0 09.4 98.7 98.1 93.5 81.8 48.7 10 100.0 100.0 100.0 98.1 90.2 61.9 38.7 10.3 13 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 1.3 19 19 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 1.3 22 100.0 100.0 99.1 98.2 93.4 86.2 59.6 38.1 15.1	MONIH	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
04 100.0 100.0 99.4 98.7 98.1 93.5 81.8 48.7 10.3 100.0 100.0 98.7 98.1 90.3 61.9 38.7 10.3 13 100.0 100.0 99.0 97.4 94.2 80.0 42.0 14.2 1.3 16 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 1.3 19 19 19 19 19 19 19 19 19 19 19 19 19	JUL	10											
10 100.0 100.0 99.4 98.7 98.1 93.5 81.8 48.7 10 100.0 100.0 100.0 98.7 98.1 90.3 61.9 38.7 10.3 13 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 1.3 19 19 19 19 19 19 19 19 19 19 19 19 19		*6					0						
10 100.0 100.0 100.0 98.7 98.1 90.3 61.9 38.7 10;3 13 100.0 100.0 98.1 97.4 94.2 80.0 42.6 14.2 1.3 16 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 19 22 22 24 25 26 27 28 29.6 38.1 15.1		07	107 700	100.0	4.66	98.7	78.7	98.1	93.5	81.8	48.7	88.3	154
13 100.0 100.0 99.0 97.4 94.2 80.0 42.6 14.2 1.3 16 100.0 100.0 99.0 97.9 90.7 76.3 40.2 17.5 22 22 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		9	40 100	100.0	100.0	7.86	98.1	90.3	61.9	38.7	10,3	75.7	155
16 100.0 100.0 99.0 97.9 90.7 70.3 40.2 17.5 19 22 22 100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1		13	100.0	-	1.96	97.4	94.2	0.08		14.2	1.3	68.2	155
22 22 100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1		91	100.0	100.0	0.66	97.9	7.06	76,3	40.2	17.5		67.1	97
1100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1		19											
100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1		22											
100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1													
100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1													
100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1													
100.0 100.0 99.1 98.2 95.4 86.2 59.6 38.1 15.1													
	5	TALS	100-0	100.0		98.2	95.4	86.2	59.6		15.1		561

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL			1	159	155	155	101					
MEAN	HUMIDITY	93.0	0.06	90.2	76.4	69.3	73.2					
	%06	100.0		49.0	5.2	1.3	3.0					
	%08	100.0	100.0	89.0	30.3	4.6	22.8					
EATER THAN	20%		100.0	95.5	76.1	38.7	54.5					
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	100.0 100.0 100.0	100.0 100.0 100.0	100.0	96,1	91.6	94.1					
Y OF RELATIVE	20%	100.0	100.0	100.0 100.0	100.0	1.86	98.0					
GE FREQUENC	40%	100.0		100,0		100.0	100.0				Magazini a	
PERCENTA	30%	100.0 100.0	0.001 0.001 0.00	100.0 100.0	0.001 0.001 0.00	100.0 100.0	0.001 0.001 0.00					
	20%	100.0	100.0	0.00	100.0	100.0	100.0					
	10%	100.0	100.0	100.0 1	100.0	100.0	100.0					
HOURS	(LS.T.)	10	*	07	9	13	91	9.	22			
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#### RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE PARTY OF	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MOMIN	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	08S.
SEP	10											
	8											
	10	100.0	99.3	98.0	97.3	0.96	96.0	93.3	84.6	53.0	88.1	149
	9	100.0	7.86	7.86	95.3	7.46	0.06	70.0	40.0	7.3	75.2	150
	13	100.0	98.0	97.3	96.0	93.3	82.7	90.0	16.7	1.3	9.89	150
	9	100.0	97.2	94.4	95.6	89.8	82.4	53.7	35.2	3.7	70.1	108
	61	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0		87.0	
	22	100.0	100.0	0.001	100.0 100.0 100.0	100.0	100.0	100.0 100.0	100.0		90.0	
5	TOTALS	190-0	98.9	98.1	6.96	95.6	91.9	77.8	62.8 10.9	10.9	79.8	959

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DANON	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
E NOW	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	088.
130	6											
	*	100.0	100.0	100.0	0.001 0.001 0.001 0.001 0.000	100.0	100.0	100.0			80.0	
	7.0	100.0	98.7	4.74	94.1	90.2	87.6	83.0	0.80	30.1	91.4	153
	10	100.0	97.4	92.9	90.3	87.1	77.4	40.4	23.2	3.2	67.5	155
	13	100.0	93.5	89.0	85.8	81.9	0.69	32.3	4.6	•	61.5	155
	91	100.0	96.1	89.8	88.2	83.5	74.8	46.5	19.7	5.5	65.0	127
	19	100.0	1.99	1.99	66.7						35.3	2
	22											
					4.							
TOT	TOTALS	100.0	92.1	89.3	87.5	73.8	73.8 68.1	81.7	19.9	9.9	65.3	304

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00   0.00		HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
04 04 07 100.0 97.5 91.7 86.0 78.5 69.4 63.6 45.5 23.1 72.3 10 100.0 95.3 86.7 79.3 68.7 55.3 39.3 19.3 6.7 61.1 13 100.0 95.0 83.3 76.7 66.0 45.3 26.7 12.7 2.0 55.6 16 100.0 100.0 100.0 94.7 94.7 94.7 78.9 57.9 21.1 80.8 22 24 25 26 27 28 29.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4	MONIT	(LS.T.)	10%	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
04  07  100.0 97.5 91.7 86.0 78.5 69.4 63.6 45.5 23.1 72.3  10 100.0 95.3 86.7 79.3 68.7 55.3 39.3 19.3 6.7 61.1  13 100.0 94.0 83.3 76.7 66.0 45.3 26.7 12.7 2.0 56.6  16 100.0 100.0 100.0 94.7 94.7 94.7 78.9 57.9 21.1 80.8  22  100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4	100	10											
10 100.0 97.5 91.7 86.0 78.5 69.4 63.6 45.5 23.1 72.3 10 100.0 95.3 86.7 79.3 68.7 55.3 39.3 19.3 6.7 61.1 13 100.0 99.0 83.3 76.7 66.0 45.3 26.7 12.7 2.0 56.6 1 16 100.0 89.4 83.0 78.0 73.0 62.4 39.7 21.3 10.6 61.4 19 100.0 100.0 94.7 94.7 94.7 94.7 78.9 57.9 21.1 80.8 22 22 23 24 25 26 27 28 29.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4		*0											
10 100.0 95.3 86.7 79.3 68.7 55.3 39.3 19.3 6.7 61.1 13 100.0 94.0 83.3 76.7 66.0 45.3 26.7 12.7 2.0 56.6 1 16 100.0 100.0 94.7 94.7 94.7 78.9 57.9 21.1 80.8 22 100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4 1		70	100.0	97.5	91.7		78.5	4.69	63.6	45.5	23,1	72.3	121
13 100.0 94.0 83.3 76.7 66.0 45.3 26.7 12.7 2.0 56.6 16 100.0 89.4 83.0 78.0 73.0 62.4 39.7 21.3 10.6 61.4 19 100.0 100.0 94.7 94.7 94.7 78.9 57.9 21.1 80.8 22 22 24 25 26 27 28 29.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4		9	100.0	95.3	198	79.3	68.7	55.3	39.3	19.3	6.7	1019	150
16 100.0 89.4 83.0 73.0 62.4 39.7 21.3 10.6 61.4  19 100.0 100.0 94.7 94.7 94.7 78.9 57.9 21.1 80.8  22  100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4		13	100.0	94.0	83.3		0.99	45.3			2.0		150
19 100.0 100.0 94.7 94.7 78.9 57.9 21.1 80.8 22 22 22 22 22 22 22 22 22 22 22 22 22		97	100.0	99.4	83.0	78.0	73.0	62.4	39.7	21.3	10.6	61.6	141
100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4		19	100.0	0.00	100.0	7.46	7.96	7.96	78.9	OF DESIGNATION OF THE PARTY OF	21.1	80.8	10
100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4		22			(								
100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4													
100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4													
100.0 95.2 89.3 82.9 76.2 65.4 49.6 31.3 12.7 66.4													
	5	ITALS	100.0	95.2	89.3	82.9	76.2	65.4	49.6	_	12.7	4.00	581

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 01 00% 20% 30% 06.9 06.9 004 004 004 004 004 004 004 004 007 100.0 99.4 92.3 100.0 96.9 89.3 19 100.0 100.0 93.3 22 22	PERCENIAGE FREQUENCY OF RELATIVE HUMIDITY CREATER THAN	OF RELATIVE P	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
100.0 99.2 100.0 97.4 100.0 96.9 100.0 100.0	40%	20%	%09	20%	%08	%06	HUMIDITY	088.
100.0 99.4 100.0 97.4 100.0 96.9 100.0 100.0								
100.0 99.2 100.0 99.4 100.0 96.9 100.0 100.0								
100.0 99.4	9 88.5	87.8	74.8	64.9	48.9	24.4	74.4	131
100.0 96.9	3 65.8	78.1	60.5	46.5	28.4	10.3	0,00	155
100.0 100.0	7 82.6	72.3	59.4	34.5	11.0	4.5	6.09	155
100.0 100.0	3 84.0	78.6	71.0	47.3	25.2	6.0	4.50	131
22	3 80.0	73.3	1.99	0.04	53.3	20.02	10.9	15
			2					
TOTALS 100.0 98.6 92.3	3 84.2	78.0	67.7	50.6	33.4	13.2	67.5	587

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#### RELATIVE HUMIDITY

SAN NICOLAS, CALIFORNIA 93116 STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
MOMIN	(LS.T.)	%01	20%	30%	40%	%05	%09	70%	%08	%06	HUMIDITY	0.00 0.00 0.00
JAN	ALL	100.0	96.5	89.9	83.8	75.3	63.8	48.9	35.5	16.3	8.99	909
8		100.0	99.1	96.8	91.1	85.7	78.5	66.3	47.5	23.0	75.1	547
MAR		100.0	6.66	97.3	95.0	90.3	76.6	53.3	28.5	8.8	71.1	110
APR		100.0	6.86	90.06	91.8	87.9	74.9	50.9	28.5	10.2	6.69	394
MAY		100.0	100.0	8.66	99.2	7.76	89.5	65.0	42.7	7.9	76.9	588
JUN		100.0	98.3	7.79	96.1	92.8	87.6	67.0	52.4	23,5	78.3	562
101		100.0	100.0	1.66	98.2	95.4	86.2	59.6	38.1	15.1	74.8	196
AUG		100.0 100.0	100.0	100.0	100.0	4.66	97.0	77.5	58.4	56.4	82.0	996
SEP		100.0	6.86	1.86	6.96	95.6	91.9	77.8	62.8	10.9	19.8	559
130		100.0	92.1	89.3	87.5	73.8	68.1	51.7	19.9	9.0	65.3	966
NDN		100.0	95.2	89.3	82.9	76.2	4.59	9.69	31.3	12.7	4.99	581
DEC		100.0	98.6	92.3	84.2	78.0	57.7	50.0	33.4	13.2	67.5	587
10	TOTALS	100.0	98.1	95.5	92.2	87.3	78.9	59.9	39.9	14.6	72.8	6960

PERCENTAGE FREQUENCY OF AIR TEMPERATURE	
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VS. WIND DIRECTION SAN NICOLAS, CALIFORNIA

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TEMP.	NN %	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	wsw & w	WNW WNW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
111 07 701											
102 TO 106											
101 OT 76											
92 10 96								91			
16 01 78											
82 TO 86											
18 07 77	28.6	58.6		E * + 1			77		58.6	I	7.1
72 70 76	50.62	14.8	18.5	3.7	1 M 10	<b>*</b> • /	1.4	96/	11.1	12	***
17 OT 78	18.2	30.3	12.1	1.6	12.1		0.1	1 60	100	Ç.	3.4
62 TO 66	23.4	8.	15.6	4.7	12.5	3.1	1.6	21.1	14.1	*0	10.5
19 01 75	26.0	2.6	4.8	4.1	8.9	1.4	6.8	3001		140	24.0
52 TO 56	21.0	3.2	5.9	2.1	10.0	5.6	9.6	31.6	4.1	612	30.0
47 TO SI	21.8		3.6	3.6	12.6	0.5	13.8	24.5	0.0	18	14.3
42 TO 46	17.4		8.1	13.0		21.1	17.4	619	17.4	23	3.6
37 TO 41							50.0		20.0	2	
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 70 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR				7							
TOTALS	22.7	1.0	2./	1.04	6.6	5.5	2.6	6107	6.0	900	0.001 800

10.4 32.5 38.2

12 178 178 209

16.7

14.3

69

2.2

10.1

12.9

2.2

22.02.02

1.9

23.9

62 TO 66 19 01 75 52 TO 56 47 TO 51

17 07 78

37 TO 41

42 TO 46

27 TO 31

22 TO 26

32 TO 36

17 10 21

12 TO 16

7 10 11

2 TO 6 -3 TO 1 -8 TO-4

50.0

16 01 78 82 TO 86 18 01 77 72 TO 76

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547 100.0

7.4

34.5

1.

5.1

1001

3.3

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4.0

23.9

-59 & LWR

-58 TO-54

-48 TO-44 -53 TO-49

-38 TO-34 -43 TO-39

-18 TO-14 -23 TO-19 -28 TO-24 -33 TO-29

-13 TO -9

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WIND DIRECTION

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72 TO 76	33.3		33.3				33,3			3	••
17 07 79	15.4	7.7				15.4	15.4	3008	15.4	[3	7.7
62 TO 66	11:11	20.0	0.7		60	1	0.7	9266	11.1	69	•••
19 OT 78	19.7	3.3	•	1.3	5.9	2.0	1.2	34.6	1.3	761	6.42
52 TO 56	11.9	2.0	2.2	•	3.	2.8	2.6	2140	1.1	992	43.9
47 TO S1	7.8	•	2.6	6.	1.7	3.5	14.8	6 + 6 3	3.5	115	18.8
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WIND DIRECTION

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112 TO 116											
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101 OT 76											
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16 01 78											
82 TO 86					90.0				20.0	7	•
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17 07 79	80	10.7	20.8				4.2	41.9	8.3	52	*
62 TO 66	12.2	1.3	6.1	2.4	7.3	6.4	0.1	2116	5.2	28	13.9
19 OT 72	14.1	3.2	1:1	2.1	3.8	3.0	5.7	9110	2.1	280	41.
52 TO 56	1:9	9.	3.9	2.8	2.0	3.9	4.0	9579	0.1	13	30.
47 TO S1			12.5	12.5				6550	12.5	2	
42 TO 46			1								
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WIND DIRECTION

SAN NICOLAS, CALIFORNIA

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16.7 15.7 15.7 15.1 15.0 0.00 0.00 0.00 0.00 0.00 0.00	TEMP	NNN	NNE	ENE	ESE	SSE	SSW	wsw	www	CALM	TOTAL	% OF
16.7 16.7 16.7 33.3 3 10.0 20.0 16.7 18.3 3 5.0 10.0 10.0 1 16.7 18.3 3 5.0 10.0 10.0 1 16.3 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.0 10.0 11.		Z •6	S NE	8. E	& SE	8.5	& SW	* *	NN %		FREQ.	TOTAL
16.7 16.7 16.7 33.3 50.0 60.0 20.0 16.7 16.7 33.3 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7	122+											
16.7 16.7 16.7 33.3 50.0 50.0 50.0 16.7 16.7 33.3 50.0 50.0 50.0 50.0 50.0 50.0 50.0	12101711											
16.7 16.7 16.7 16.7 33.3 39.3 50.0 50.0 50.0 16.7 16.7 16.8 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7	112 TO 116											
16.7 16.7 16.7 16.7 18.3 16.7 18.2 91 16.7 18.3 18.2 91 16.7 18.3 18.2 91 16.7 18.3 18.3 91 16.7 18.3 18.3 91 16.7 18.3 18.3 91 16.7 18.3 18.3 91 16.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18	111 07 701											
16.7 16.7 16.7 33.3 91 16.7 33.3 91 16.7 16.7 33.3 91 16.7 16.7 33.3 91 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.	102 TO 106											
16.7 16.7 9.1 16.7 33.9 3 9.1 16.7 18.2 27.9 9.1 9.1 16.7 18.2 27.9 9.1 9.1 16.7 18.2 27.9 9.1 9.1 16.7 18.2 27.9 9.1 9.1 16.7 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3	101 OT 76											
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1 19.4 7.7 11.5 7.7 6.7 13.3 50.0 7.7 13.3 10.0 7.7 13.3 50.0 7.7 13.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0	18 01 77	18.2		1.6				18.2	116	1.6	11	2.0
19.4 7.5 4.4 1.3 3.8 4.4 5.0 531 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	72 10 76	19.4		11.5					2010	7.7	20	4.6
19.4 7.5 4.4 1.3 3.8 4.4 5.0 5391 1.3 16.3 16.3 16.3 16.3 16.3 16.3 16.3	17 07 79	8.3		10.0		6.7	0.1	13.3	0164		90	
16.3 1.5 3.6 1.5 7.1 6.6 5.6 54.1 5.0 6.1 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	62 TO 66	19.4		4.4		30.00	*.*	5.0	23:1	1.3	190	
8 6.2 3.1 2.1 3.1 1.0 9.3 64.9 8.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	19 OZ 72	16.3		3.6		1.1	4.0	5.6	24:1	2.0	196	
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14.7 4.8 4.8 1.8 5.0 3.7 7.3 5391 4.8	-58 TO-54											
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25.0 13.3 5.7 2.5 0.0 100.0 1 1.3 5.7 2.5 0.0	17 TO 121											
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25.0 13.3 5.7 5.6 7.7 5.6 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.	2 TO 96											
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25. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	2 TO 86								20.0		4	
24.0 11.3 5.7 7.3 4.5 2.7 3.6 11.3 2.7 3.6 12.3 2.7 3.7 3.6 12.3 2.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3	7 TO 81			4		6.7			40.0		15	
25.	2 70 76	24.5		5.7	3.8	1.9			3568		53	
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	2 70 56			4.5		1.6		6.9	1557	1.6	22	
2 TO 44 2 TO 34 2 TO 34 2 TO 31 2 TO 32 3 TO 1	7 10 51											
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2 10 26 7 10 21 10 6 10 10 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 10 6 13 10 1 13 10 29 14 10 29 15 10 29 16 10 29 17 10 29 18 10 2	7 TO 31											
7 TO 21  1 TO 6  1 TO 11  1 TO 6  1 TO 10  1 TO	2 10 26											
2 TO 16  TO 11  1 TO 6  3 TO 1  8 TO -4  13 TO -9  23 TO -9  23 TO -9  23 TO -9  24 TO -24  24 TO -24  25 TO -49  26 TO -40  27 TO -9  28 TO -40  29 TO -40  20 TO -10  20 TO -1	7 TO 21											
170 11 170 4 13 10 1 18 10 -4 13 10 -9	2 TO 16											
170 d 3 TO 1 8 TO 2 23 TO 2 33 TO 2 34 TO 2 35 TO 2 36 TO 2 36 TO 2 37 TO 2 38	11 01											
3 TO 1       8 TO-4       13 TO-4       -18 TO-14       -18 TO-14       -23 TO-19       -33 TO-24       -38 TO-34       -43 TO-36       -53 TO-46       -58 TO-46	10 6		7									
13 10 -9 18 10 -14 18 10 -14 23 10 -19 23 10 -29 24 10 -29 25 10 -49 25 10 -49 26 10 -49 27 10 -29 28 10 -49 28 10 -49 29 10 -	-3 TO 1											
-13 10 – 9 -18 10 – 14 -23 10 – 19 -23 10 – 29 -23 10	-8 TO-4											
-18 10 -14 -23 10 -19 -23 10 -29 -33 10 -29 -43 10 -39 -48 10 -44 -53 10 -49 -58 10 -54	-13 TO -9											
-23 TO-19 -23 TO-24 -33 TO-29 -43 TO-39 -48 TO-44 -53 TO-49 -53 TO-49 -53 TO-49 -53 TO-49	-18 TO-1											
-28 TO - 24 -33 TO - 29 -38 TO - 34 -43 TO - 34 -43 TO - 45 -43 TO - 45 -53 TO - 45 -53 TO - 45 -53 TO - 45 -53 TO - 45	-23 TO-19	9										
33 TO – 29  38 TO – 34  43 TO – 34  48 TO – 44  53 TO – 45  53 TO – 45  53 TO – 55  53 TO – 55	-28 TO-2											
	-33 TO-2	6										
-43 TO39 -48 TO44 -53 TO49 -58 TO54	-38 TO-3											
-48 TO-44 -53 TO-49 -58 TO-54	-43 TO-3	9										
-53 TO-49 -58 TO-54	-48 TO-4											
58 10-54	-53 TO-4	6										
The state of the s	-58 TO-5											

WIND DIRECTION JAN 1973-DEC 1977

SAN NICOLAS, CALIFORNIA STATION NAME

AUGUST

A N A NE						WIND DIRECTION	CTION					
50.0 50.0	TEMP.	NN K	S NE	S E	ESE & SE	SSE & S	SSW & SW	wsw & w	wnw & nw	CALM	TOTAL FREQ.	% OF TOTAL
50.0 50.0 20.0 20.0 20.0 3.8 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	122+											
50.0 50.0	117 TO 121											
\$0.0 \$0.0 \$22.7 4.9 9.1 2.3 9.1 9.1 40.9 \$20.3 4.5 2.7 2.7 2.7 2.7 5.0 5.0 8.6 52.0 3.6 \$3.8 3.9 3.8 1.9 3.8 11.9 5.0 3.0 10.7 55.9 15.1 \$6.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	112 TO 116											
50.0 50.0	111 07 701											
50.0 50.0	102 TO 106											
22.7 4.5 9.1 2.3 2.3 9.1 9.1 40.9 12.3 2.3 2.3 9.1 9.1 40.9 3.3 3.3 3.8 4.5 4.5 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	97 TO 101											
22.07 4.9 9.1 2.3 2.3 9.1 9.1 4000 20.0 4.9 7.2 2.7 2.7 2.7 3.0 8.6 9.9 1 10.1 10.1 10.1 10.1 10.1 10.1 10.	92 TO 96											
\$0.0 \$22.7	16 01 78											
20. 4 4.9 9.1 2.3 2.3 9.1 9.1 40.9 39.3 46.5 4.5 4.5 4.5 4.5 9.1 9.1 40.9 3.6 1.9 1.9 3.6 1.9 1.9 3.6 1.9 1.9 3.6 1.9 1.9 3.6 1.9 1.9 3.6 11.9 5.6 5.6 1.9 1.0 1.9 3.6 11.9 5.6 5.6 1.9 1.0 1.9 3.6 11.9 5.6 5.6 1.9 1.0 1.9 3.6 11.9 5.6 5.6 1.9 1.0 1.9 5.6 1	82 TO 86	50.0		50.0							7	4.
220.7 4.5 9.1 2.3 2.3 9.1 9.1 40.9 200.3 4.5 2.3 2.4 4.5 4.5 6.8 53.1 1.1 3.8 3.2 2.7 2.7 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	77 TO 81								6697	33,3	•	-
20.3 4.5 2.9 2.8 4.5 4.9 0.8 23.1 1.1 1.2 2.7 2.7 2.7 2.7 2.0 5.0 8.6 23.1 1.3 2.6 1.0 2.8 11.3 2.6 1.0 2.6 1.0 2.8 11.3 2.6 1.0 2.8 11.3 2.6 1.0 2.8 11.3 2.6 1.0 2.8 11.3 2.6 1.0 2.8 11.3 2.8 11.3 2.8 11.3 2.6 1.0 2.8 11.3 2.8 11.3 2.6 1.0 2.8 11.3 2.2 11.3 2.8 1	72 10 76	22.7	4.5	9.1	2.3	2.3	9.1	9.1	4049		**	1.
17.2 3.2 2.7 2.7 3.0 5.0 8.6 52.0 3.6 3.8 8.3 8.3 11.3 57.5 15:1 8.3 16.7 59.9 8.3 16.7 59.9 8.3 16.7 59.9 8.3 16.7 59.9 8.3 16.7 59.9 8.3 16.7 59.9 8.3 16.7 59.9 15.1 16.	17 07 79	20.3	4.5	2.3	2.8	4.5	4.5	6.8	2311	1.1	177	31.2
9.8 9.9 3.6 1.9 3.6 11.9 3.0 1	62 TO 66	17.2	3.2	2.7	2.7	5.0	5.0	8.6	2240	3.0	127	38.9
8.3 10.7 28.3 10.7 28.3	19 01 25	3.8	6.	3.8	1.9	1.9	3.8	11.3	5116	15.1	100	18.7
	52 TO 56		8.3			8.3		10.7	5863	8.3	12	2.1
	15 01 75											
	42 TO 46											
	37 TO 41											
	32 TO 36											
	27 TO 31											
	22 TO 26											
	17 10 21											
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WIND DIRECTION

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TEMP.	NNN N	NNE NE	ENE ENE	ESE & SE	SSE & S	SSW & SW	% % % %	% N %	CALM	FREG.	TOTAL
122+											
17 10 121											
112 TO 116											
111 OT 701											
102 TO 106											
97 TO 101											
92 10 96							4 44	20.00	4	4	
16 OT 78	10.0	20.0		20.0			0.07	0 0	200	2 3	
82 TO 86		*					7 0 7 7	2000	:	- 0	200
77 TO 81	11.1	11.1			7.72		1011		1111		
72 TO 76	15.0	12.5	3.1	301	3.1	,	201			76	
17 07 79	19.2	1.6	5.1	3.0	15.1	9.0	000	1	10		7
62 TO 66	17.0	1.7	3.7	2.1	5.4	2.0	4.5	2606	200	***	700
19 OT 72	7:4		2.0	•	2.0	• •	10.2	Citc		2007	.07
52 TO 56					9.1		10.2	cite	7991	**	4.00
10 51											
42 TO 46											
37 TO 41											
32 TO 36											
15 01 72											
22 TO 26											
17 10 21											
12 TO 16											
11 01 /											
2 TO 6				-							
-3 10 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24								politi			
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR				0			100			9 8 8	
TOTALS	0.41	3.6	3.5	7.2	2.4	2.0	10.5	0000	***		. > > 1

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SE FREQUENC	7.6
AGE FREQUENCY	7/6
LAGE FREQUENCY	3/
ITAGE FREQUENCY	97
INTAGE FREQUENCY	27
ENTAGE FREQUENCY	76
CENTAGE FREQUENCY	76
RCENTAGE FREQUENCY	3/1
ERCENTAGE FREQUENCY	3/1
PERCENTAGE FREQUENCY	9/
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	7,6

WIND DIRECTION

ALL

OCTOBER MONTH

1977	
JAN 1973-DEC 1977	VEABO
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SAN NICOLAS, CALIFORNIA STATION NAME

	YEARS
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DECEMBER 240	
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WIND DIRECTION

% OF TOTAL							6.					17.0	35.5	24.6	9.6	•																							294 100.0
TOTAL FREG.							2	2	12	21	37	101	211	140	58	4																							766
CALM									8.3		2.7	4.9	4.3	2.8	13.8	20.0																							6.9
wnw wn &								20.0	25,0	22:4	10,2	2997	44.5	24.8	2000																								42.8
wsw 8 w							100.0			9.8	8.1	6.8	2.0	8.0	20.7	25.0																							9.3
SSW & SW									8.3			6.6	,	2.9	2.8																								9.6
SSE & S											2.7	1.0	5.7	1.4	5.2	25.0																							3.4
ESE & SE									8.3			0.4	1.9	3.4																			1						2.4
ENE E								90.0	25.0	23.8	13.5	5.0	4.3																										6.4
NNE S NE										4.8	18.9	5.0	4:1	3.4	3.4																								5.1
NN S									25.0	9.5	37.8	28.7	23.7	13.0	1.7																								19.9
TEMP.	122+	121 01 711	112 TO 116	111 OT 701	102 TO 106	101 01 26	92 10 96	16 01 78	82 TO 86	18 01 77	72 TO 76	17 07 79	62 TO 66	19 01 75	52 TO 56	15 01 7	42 TO 46	37 TO 41	32 TO 36	15 01 72	22 TO 26	17 10 21	12 TO 16	7 10 11	2 10 6	-3 TO 1	-8 TO-4	-13 TO -9	-18 TO-14	-23 TO-19	-28 10-24	-33 TO-29	-38 TO-34	-43 TO-39	-48 TO-44	-53 TO-49	-58 TO-54	-59 & LWR	TOTALS

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NCY	31
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DENCY	3/1
GUENCY	3/1
EQUENCY	3/1
REQUENCY	3/1
REQUENCY	3/1
REQUENCY	3/1
FREQUENCY	27.
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NTAGE FREQUENCY	3/1
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NTAGE FREQUENCY	9/1
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FREQUENCY	1/6
NTAGE FREQUENCY	7/6

WIND DIRECTION JAN 1973-DEC 1977

SAN NICOLAS, CALIFORNIA

NOVEMBER

ALL

				1	WIND DIRECTION	CTION					
IMP.	N Z Z	N N N	ENE ENE	ESE & SE	SSE & S	SSW & SW	wsw w %	WNW %	CALM	TOTA!	% OF TOTAL
22 + L											
10121											
TO 116											
111101											
TO 106											
101 0.											
96 01											
16 01											
10 86	11.1	25.2	25.2	25.2				2622		•	1:5
18 01	33.3	14.3	14.3		9.5		8.4	1962		12	3.6
10 76	11:1	8.3	11.1	9.6			11:1	21/6	2.0	30	7.0
17 07	1.12	-	10.0	4.3	5.9	4.3	10.0	24.3	2.5	10	12.0
10 66	14.0	11.6	6.3	1.01	5.0	7.0	10.9	33.5	2.0	121	20.8
19 01	16.0	3.1	4.0		2.3	2.0	10.5	966	3.1	791	51.8
10 56	12.0	•	6.	4.3	6.	9.2	4.6	2160	0.0	=	20.1
10 51	2.0			1.3	2.5	2.5	17.5	0000	9.0	0.	6.0
97 01				25.0			25.0	2000		5	
10 4											
10 36									100.0	-	2.
16 01											
10 26											
10 21											
91 01											
= 0											
90						oh ti					
101											
TO-4						2					
9- OT 8											
10-14											
8 TO-19											
3 TO-24											
3 TO-29											
3 TO-34											
3 TO-39											
3 TO-44											
3 TO-49				1							
3 TO-54											
& LWR							1-03				
STALS	14.8	2.1	0.0	6.4	2.6	9.0	11.4	9000	0.4	100	0.001 196

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				3	WIND DIRECTION	CTION					
IN NI	DLAS	SAN NICOLAS, CALIFORNIA	RNIA		JA	JAN 1973-DEC 1977	-DEC 1	77.6		DEC	DECEMBER
		STATION NAME	AME		WIND DIRECTION	CTION	YEARS			NO N	
TEMP.	NNN 45	NN 80	F. E.	ESE & SE	SSE & S	SSW & SW	wsw w %	WNW WN W	CALM	TOTAL FREQ.	% OF TOTAL
122+											
17 10 121											
112 70 116											
111 07 701											
102 TO 106											
97 TO 101											
20 01 00											
20 01 28											
2 2 2											
77 70 81	50.0								50.0	2	•
2 2 2	14.3			16.3					28.6	14	2.
2 20 27	1.71	20.6	11.8	5.9		5.9	5.9	20.5	11.8	34	5.
1,01,01	28.7			8.5	8.5	6.	20	30.3	9.9	109	18.
62 TO 66	4 4 4 1			6.6		4.0	12.7	32.6	4.4	181	0.0
57 TO 61	0007			7.6	10	2	20	40.9	2.4	176	96
52 TO 56					7	1.7	0	46.4	21.0	44	
47 TO 51	1001				2 .	- 6	2 4 4 5			2	2
42 TO 46	12.5				12.5	0.63		2697	0010	9	-
37 TO 41									10000		•
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 10 11											
2 10 6											
-3 TO 1											
-8 TO-4			,								
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54					200						
-59 & LWR	1										
TOTALS	16.7	2.6	7.8	4.9	6.6	5.1	11.1	33.0	0.6	287	587 100.
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WIND DIRECTION

JAN 1973-DEC 1977

SAN NICOLAS, CALIFORNIA

ALL HOURS (L.S.T.)

ALL

TEMP.	NNW &	S NE	S E	ESE & SE	SSE & S	SSW & SW	wsw & w	WNW WNW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
17 TO 121											
112 TO 116		1									
107 TO 111											
102 TO 106											
101 OT 76											
92 TO 96							42.9	42.9	14.3	7	•
16 OT 78	6.7	13.3	6.7	13.3			13.3	33,3	13.3	15	.2
82 TO 86	17.8	15.6	13.3	6.7	4.4	4.4	6.1	22:2	8.9	45	0.
18 OT 77	21.9		10.4	2.1	5.2	1.0	6.3	33.3	7.3	96	1.4
72 TO 76	22.3	11.7	10.3	3.7	1.7	4.7	6.7	34:7	4.3	300	4.3
17 07 79	20.8	8.8	7.0	2.8	5.4	6.4	6.7	38.6	6.4	760	10.9
62 TO 66	20.5	5.7	6.2	2.1	8.2	3.6	7.8	6.55	4.2	1609	23.1
19 OT 72	16.5	3.7	3.5	2.7	9.4	6.4	8.8	5003	4.8	2045	29.4
52 TO 56	1304	2.2	3.6	2.7	0.9	6.4	9.6	53:7	4.7	1562	22.4
47 TO 51	11.0	1.	5.6	2.2	4.9	*.*	13.9	2001	8.2	453	6.5
42 TO 46	9.8		4.8	6.3	3.2	11.1	19.0	19:0	27.0	63	6.
37 TO 41			Make in	74.0			20.0	20 00	0.09	5	
32 TO 36									100.0	-	0.
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											The second
7 10 11						J.					
2 70 6											
-3 TO 1											
-8 TO-4								4			
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39			•								
-48 TO-44							1.0				
-53 TO-49											
-58 TO-54											
-59 & LWR			-			*				***	
TOTALS	11.0			. 2			6.0	7		•	7000

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#### PART F

### PRESSURE SUMMARY

of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall Presented in this part are two tables giving the means, standard deviations, and total number of observations period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- . Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.

	-	31 (IN.MC)	1050 ONE)	E-	
	0-	23 24 25 26 27 28 29 30 31(III,III)	000		2
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0 0 1	2 - -	23 24 25 26 27 28	800 850 900 950 900 950 950 950 950 950 950 9	سلسلس	0 0 -
ALTITUDE		26 2	900 milimitin	ili	SOUCH THE COOKS FT
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	2	20(18. 16.) 21	(MB) 700 Imminutual	91	

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93116	AS	SAN NICOLAS		ALIFORNIA	4		13-11			VEABS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
16	S. D. TOTAL OBS						29,245		29.270					29.253
8	AEAN S. D. TOTAL OBS					29.34029	29.280		29.260		29.360			29.310
0	S. D. TOTAL OBS	29.45729	107	29.39529	29.39629 .084 141	29.348	29.31329. 072 150	9.33929	29.34329	29.32829	29.376	29.43029	9.458	29.383
2	S. D. TOTAL OBS	29.50529.498 .116 .109	.109	29.43129	.082	29.3692	.334	29.361	29.36829	29.3542	N	150	29.499	29.418
22	S. D. TOTAL OBS	29.45329.468 .118 .104 155 141	29.468	29.41029 .112 155	.083	29.36329	29,3302	.05	529.35429 9 .063 5 155	29.33029	29.37529.	29.41629	29.447 .093 155	29.392
2	S. D. TOTAL OBS	29.44229.	707	29.37429.	29.38029 .085 133	29.33829	29.29729.	9.31629	29.304	. 30429.29529. . 06% . 067	29.35229.	29.39329	.091	29.368
2	S. D. TOTAL OBS	29.44329.434	29.434	29.36829	29.369					29.320	29.32029.33329	29.42529	29.457 .062	29.411
2	S. D. TOTAL OBS									29.310				29.310
ALL	S. D. TOTAL OBS	29.46429.465	29.465	529.40229.40329. 7 .115 .085	29.403 -085	29.3552	29.32029	9.34529	29.34629	.329	29.38029	29.42529.	.095	29.392

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

SAN NICOLAS, CALIFORNIA

93116

STATION			5	STATION NAME			•			YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS						1010.6		1011.4					1010.9
40	MEAN S. D. TOTAL OBS					1014.21011.	1011.7		1011.1		1014.9			1013.0
07	S. D. TOTAL OBS	1018.11018.01 4.029 3.723	3.723		2.924	1014.2 2.652 155	3.938 2.924 2.652 2.516 2.136 2.099 2.542 2.4 142 141 155 150 154 155 155 149 1	2.136	2.099	2.542	1015.2 2.435 153	2.435 2.932 3.280 153 121 131	1018.1 3.280 131	3.466
01	S. D. TOTAL OBS	3.976 3.744 155 141	3.744	3.945	2.847	1014.9 2.619 155	3.945 2.847 2.619 2.450 2.036 2.060 2.407 2.475 3.401 3.202 154 150 150 150 155 155	2.036	2.060	1014.2 2.407 150	1016.1 2.475 155	3.401	3.202	1016.5
13	MEAN S. D. TOTAL OBS	1017.81018.41 4.042 3.583 155 141	3.583		2.870	2.550	3.856 2.870 2.550 2.456 2.028 2.110 2.427 2.388 3.403 3.253 155 150 155 150 155 150 155	2.028	2.110	1013.4 2.427 150	2.388	3.403	1017.6 3.253 155	3.402
10	MEAN S. D. TOTAL OBS	3.647 3.571 138 124	3.571		1015.3 2.931 133	1013.8 2.491 122	3.993 2.931 2.491 2.455 1.954 2.188 2.285 2.350 3.392 3.1 136 133 122 111 97 101 108 127 141 1	1.954	1012.5 2.186 101	1012.2 2.285 108	1014.2 2.350 127	3.392	3.157	3.516
19	S. D. TOTAL OBS	4.915 2.758 4.915 2.758	2.758	3.251 2.556 24 20	1015.1 2.556 20		4			1013.4	1013.41013.61017.01018 3.086 2.1	3.086	1018.1 2.128 15	3.504
22	S. D. TOTAL OBS		1							1012.9				1012.9
ALL	S. D. TOTAL OBS	4.048 3.694 608 3.594	3.694		2.939	1014.4	3.962 2.939 2.608 2.514 2.115 2.230 2.512 2.505 3.401 3.310 6.11 894 588 563 561 561 561 568 559 594 581 587	2.115	2.230	2.512	2.505	1016.8 3.401 581	1018.0 3.310	3.563